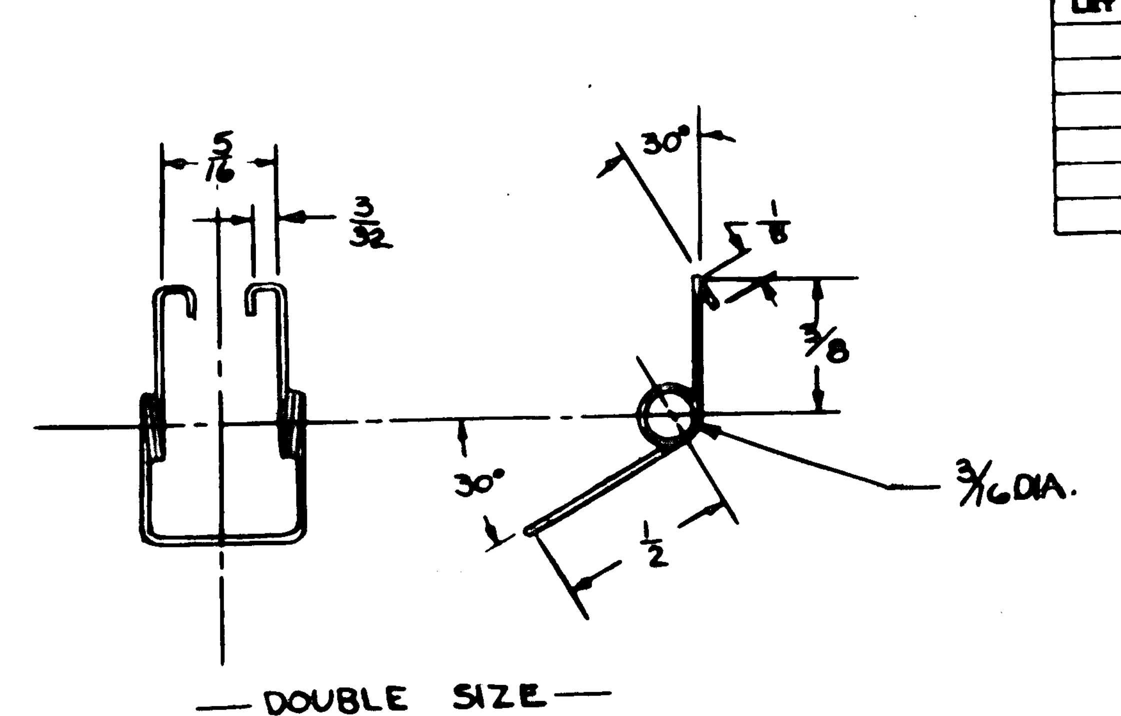


SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

NOTE:
SPRING TO ATTAIN A 2# LOAD WHEN DEFLECTED TO 30° AS SHOWN.

#91 ON CONT #91876

PURCHASE TO DWG.

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5	28F6902	1						
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED [signature] DATE 4 11 42

CALC.WT. .02 ACT.WT.

SCALE 24" = 1'0"

AC

NAVY MUSIC WIRE — MATERIAL

AN-QQ-W-441 — SPEC.

— — HEAT TREAT

CAD. PLATE — FINISH

DRAFT	CHECK	EXAM.	APP.
VANDE WATER 8/24/42	9-7-42		

OPP HAND

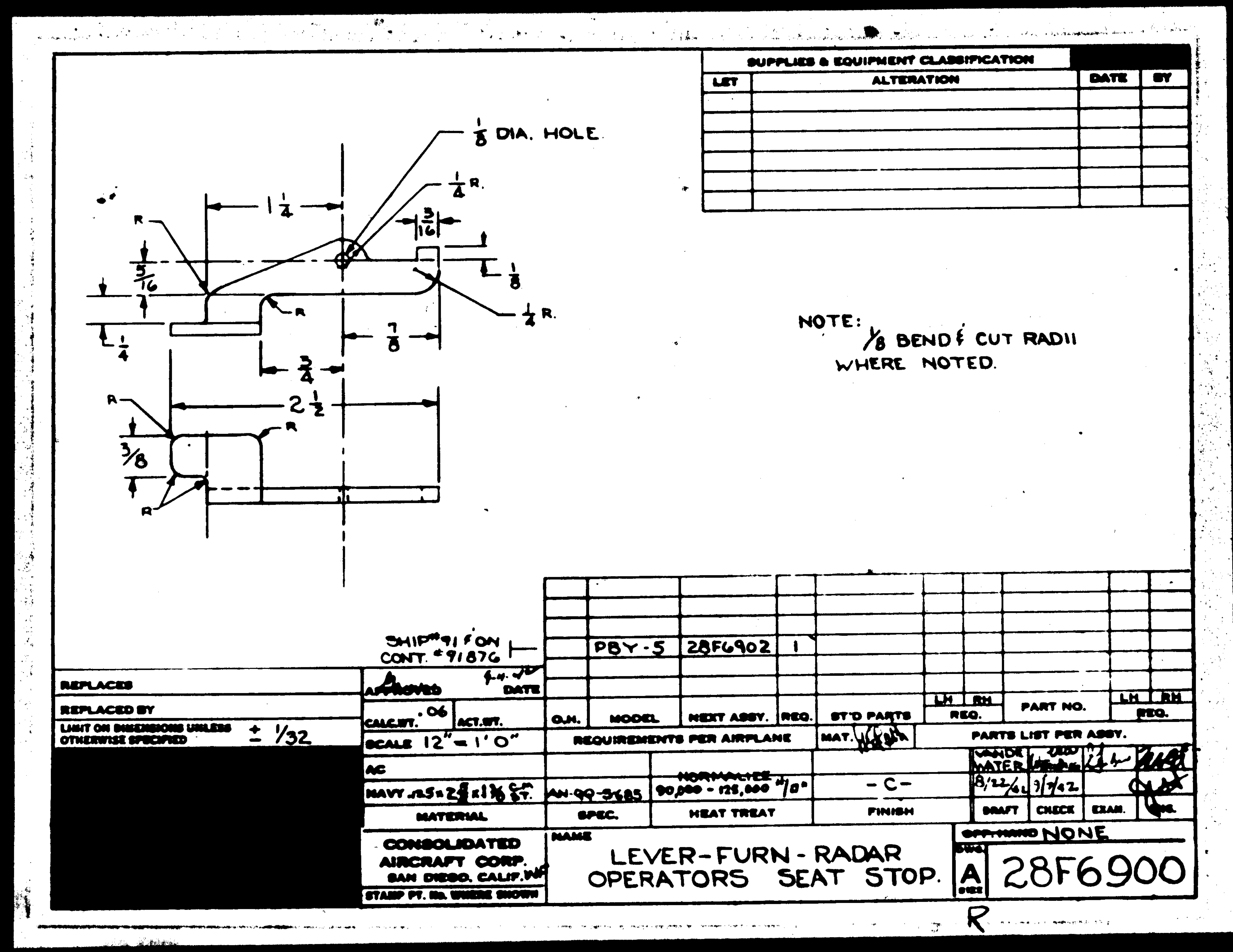
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

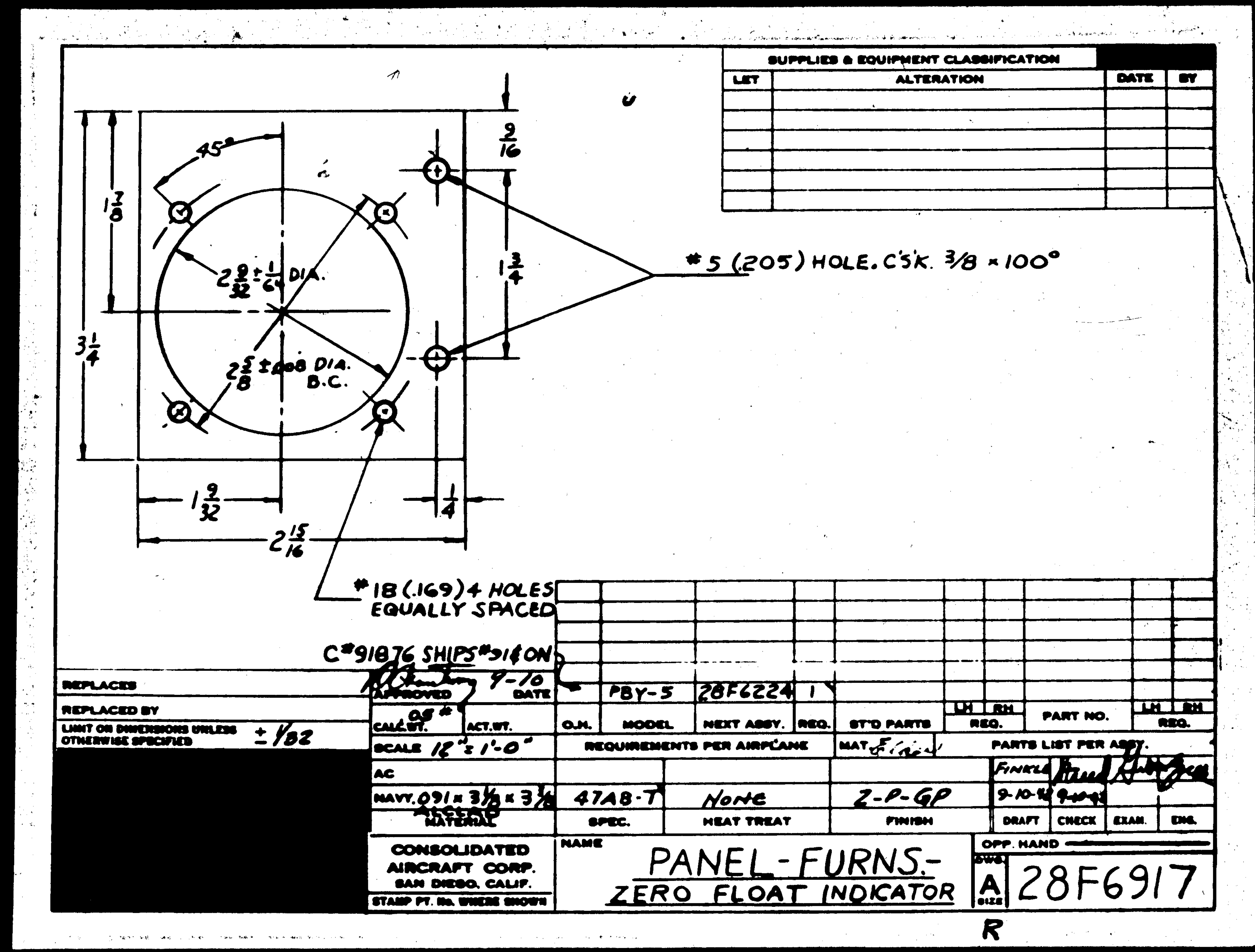
NAME: SPRING - FURN - RADAR OPERATORS SEAT STOP.

DWG. SIZE A 28F6899

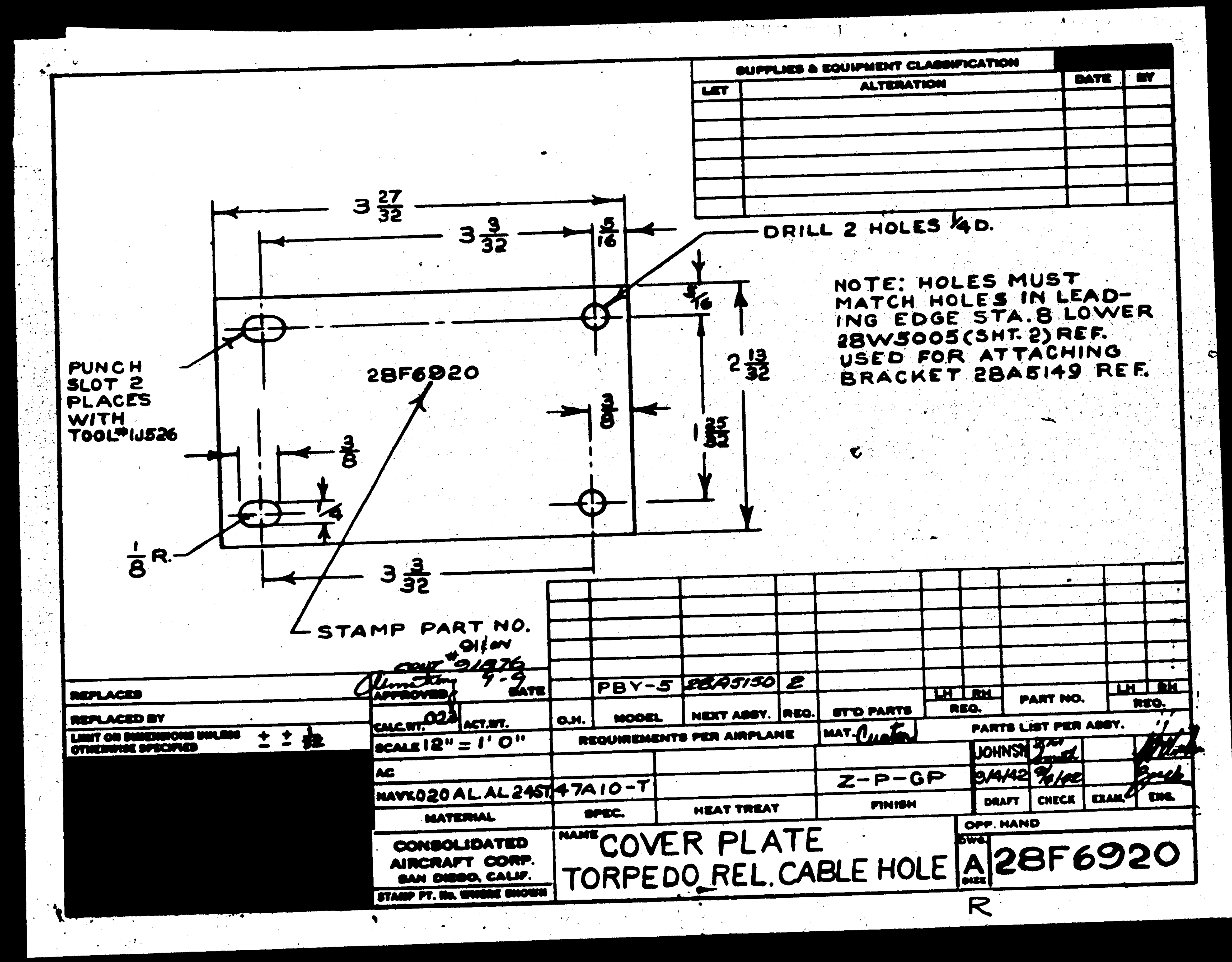
R



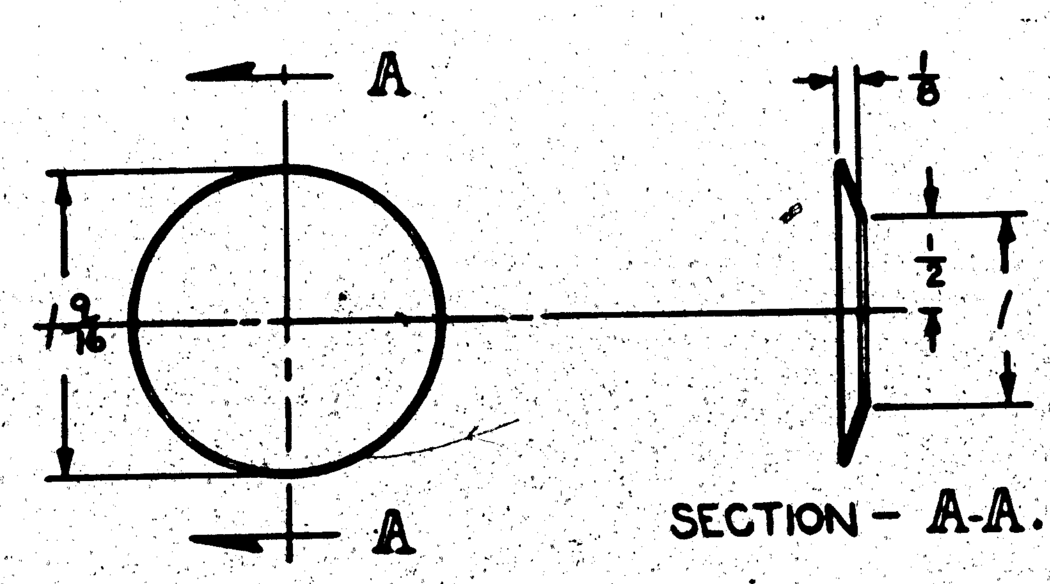
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1/8 DIA. HOLE
1/4 R.
1 1/4
3/16
R
5/16
1/8
R
1/4 R.
1/4
7/8
3/4
2 1/2
R
R
3/8
R
NOTE: 1/8 BEND & CUT RADII WHERE NOTED.
SHIP #91 & ON CONT. #91876
PBY-5
28F6902
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT. .06
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1' 0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
VANDEWATER
8/22/41
3/7/42
NAVY .125 x 2 5/8 x 1 3/16 C.R. ST.
AN-QQ-S685
NORMALIZE 90,000 - 125,000 #/□"
- C -
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
LEVER-FURN-RADAR OPERATORS SEAT STOP.
OPP. HAND NONE
DWG. A SIZE
28F6900
R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
45°
$1\frac{7}{8}$
$\frac{9}{16}$
$2\frac{9}{32} \pm \frac{1}{64}$ DIA.
$1\frac{3}{4}$
*5 (.205) HOLE. C'S'K. 3/8 × 100°
$3\frac{1}{4}$
$2\frac{5}{8} \pm .008$ DIA. B.C.
$1\frac{9}{32}$
$\frac{1}{4}$
$2\frac{15}{16}$
*18 (.169) 4 HOLES EQUALLY SPACED
C*91876 SHIPS *31 & ON
9-10
REPLACES
APPROVED
DATE
PBY-5
28F6224
1
REPLACED BY
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
FINKLE
NAVY .091 × 3 1/8 × 3 1/8
47AB-T
None
Z-P-GP
9-10-42
9-10-42
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
NAME
PANEL-FURNS.-
ZERO FLOAT INDICATOR
OPP. HAND
DWG.
A
SIZE
28F6917
STAMP PT. No. WHERE SHOWN
R


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
3 27/32
3 3/32
5/16
DRILL 2 HOLES 1/4 D.
5/16
NOTE: HOLES MUST MATCH HOLES IN LEADING EDGE STA. 8 LOWER 28W5005 (SHT. 2) REF. USED FOR ATTACHING BRACKET 28A5149 REF.
PUNCH SLOT 2 PLACES WITH TOOL #1J526
28F6920
2 13/32
3/8
1 25/32
3/8
1/4
1/8 R.
3 3/32
STAMP PART NO.
REPLACES
APPROVED
DATE
REPLACED BY
CALC. WT.
ACT. WT.
.023
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
SCALE 12" = 1' 0"
AC
NAVY .020 AL. AL. 24ST 47A10-T
MATERIAL
SPEC.
HEAT TREAT
PBY-5
28A5150
2
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
Z-P-GP
FINISH
JOHNSN
9/14/42
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME COVER PLATE TORPEDO REL. CABLE HOLE
DWG. A SIZE
28F6920
R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	REMOVED FROM BIM ".035 X 1 3/4		
	X 1 3/4 ST. ST." & SPEC. "AN-QQ-S-757		
	COND. A," & REPLACED BY "NOTED."		
	ADDED MATERIAL NOTE. NOW C-1395	10-6-43	



NOTE:

1.- MATERIAL MAY BE:
(A) .035 X 1 3/4 X 1 3/4 STAINLESS STEEL SHEET, SPEC. AN-QQ-S-757, COND. A, OR
(B) .035 X 1 3/4 X 1 3/4 STAINLESS STEEL SHEET, SPEC. AN-QQ-S-772, COMP. G, COND. A.

*C-1395
M.C. # 167(1)

	*PBY-5A	28F6963	1						
	PBY-5	28F6963	1						
					LH	RH		LH	RH
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ.		PART NO.	REQ.	
REQUIREMENTS PER AIRPLANE				MAT. Custer	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED DATE

CALC. WT. .03 ACT. WT.

SCALE 12" = 1'0"

AC

NAVY NOTED

MATERIAL

NOTED	———	NONE
SPEC.	HEAT TREAT	FINISH

9/29/41	10-7-42		
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

OPP. HAND NONE

NAME CAP-FURN-RADAR OPER'S. VENT. TUBE.

DWG. SIZE A 28F6961

R 28F6961

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

COUNTERBORE 3/4 D. x 1/4

1 1/2

1/4

1/2 R

#10 (.193) HOLE

PURCHASE TO DWG.

MC #1670

	PBY-5	28F6964	2							
O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.					

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED DATE

CALC.WT. .1 ACT.WT.

SCALE 12" = 1'0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY 1" DIA x 1 1/2 ROD	PHEN. 1TP3 TYPE FBG-FWN'S	———	B.V. ALL CUT SURF.	10/1/42	10-7-42		

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF. WF

STAMP PT. No. WHERE SHOWN

NAME: HANDLE - FURN - RADAR OPERATOR'S VENTILATOR.

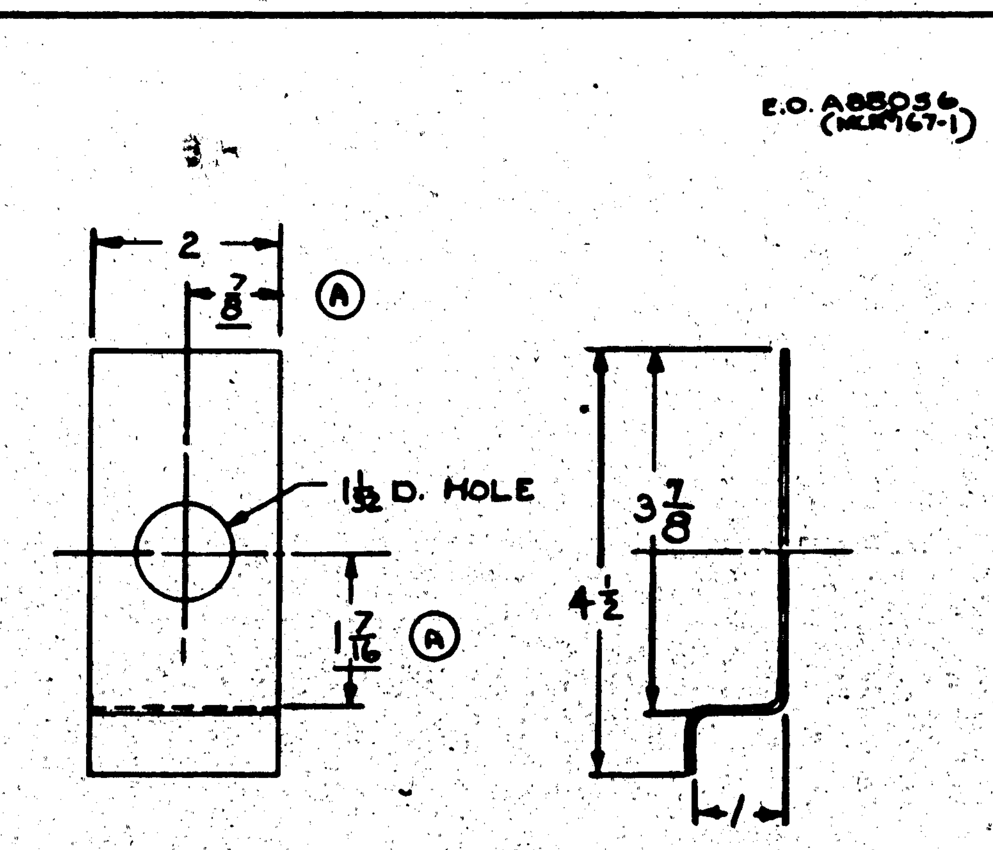
OPP. HAND

A 28F6967

R

E.O. A88056 (MCR#167-1)

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	CHG'D DIMS. 1 7/16 WAS 1 5/8, 7/8 WAS 1 WT. CHG. NEG.	1-4-42	[illegible]



C-13595

C#91876 #90 & ON MC#167

	PBY-5A	28F5500	1						
	PBY-5	28B6000	1						
O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT [illegible]	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [illegible] DATE

CALC. WT. .04 ACT. WT.

SCALE 6" = 1' 0"

AC

NAVY [illegible]

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
[illegible]	47A8 Con't	——	ZP. - GP.	10/5/42	10-7-42		

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

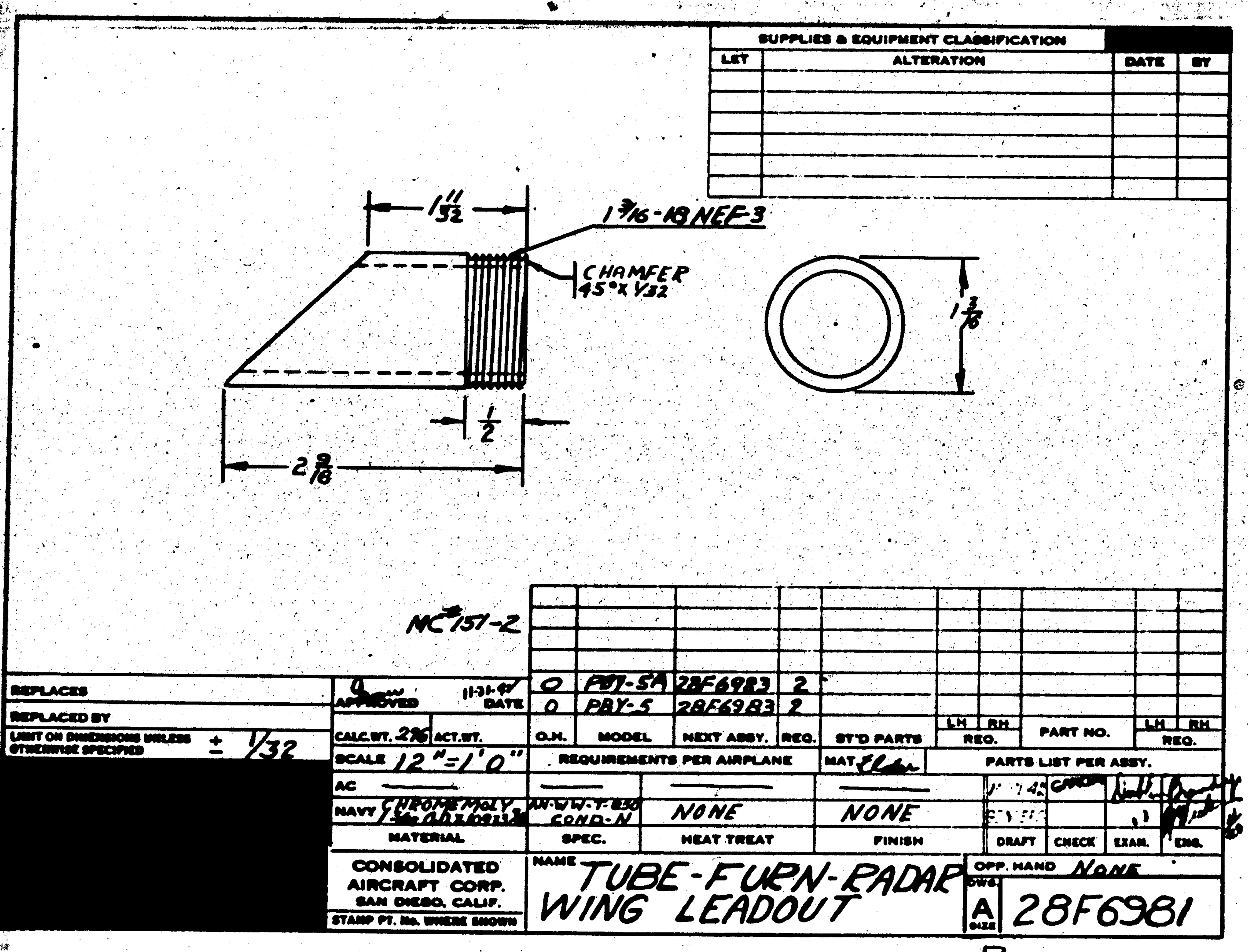
STAMP PT. No. WHERE SHOWN

NAME: STIFFENER - FURN - RADAR OPERATOR'S VENT.

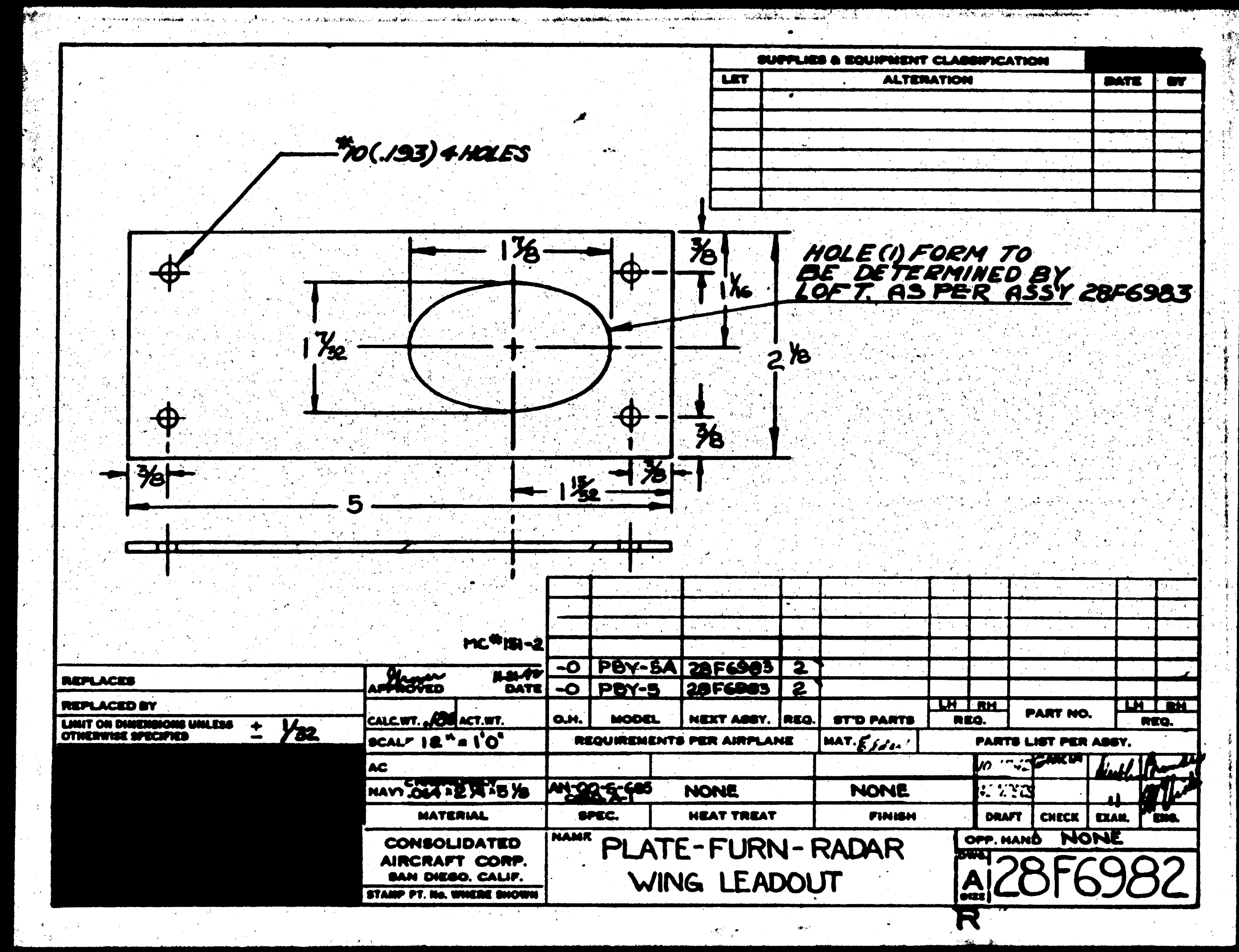
OPP. HAND NONE

DWG. SIZE A 28F6972

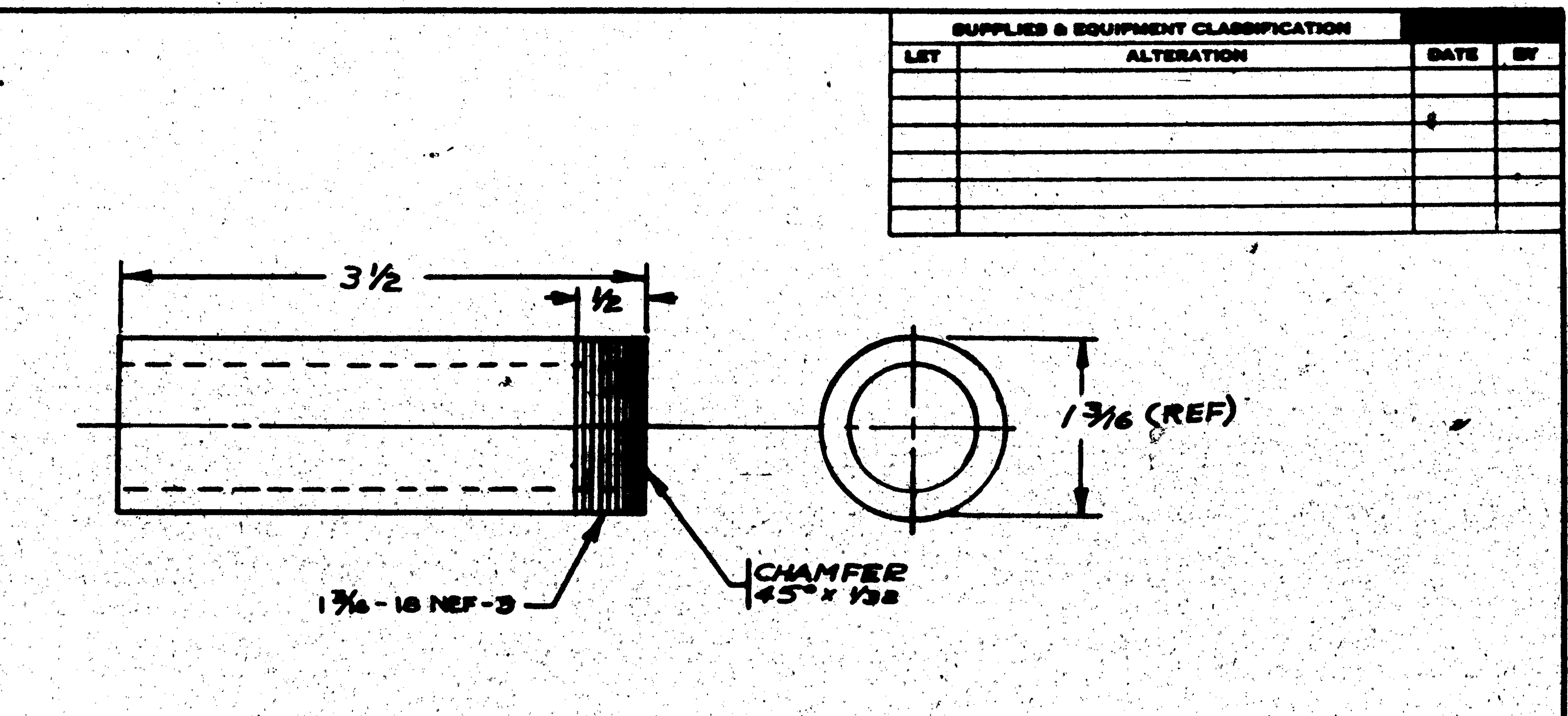
R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1 11/32
1 3/16-18 NEF-3
CHAMFER 45° X 1/32
1 3/16
1/2
2 9/16
NC#151-2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
11-21-41
CALC.WT. .296
ACT.WT.
SCALE 12"=1'0"
AC
NAVY
CHROMEMOLY
MATERIAL
AN-WW-T-850
COND-N
SPEC.
NONE
HEAT TREAT
NONE
FINISH
DRAFT
CHECK
EXAM.
ENG.
0 PBY-5A 28F6983 2
0 PBY-5 28F6983 2
O.N.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH
REQ.
PART NO.
LH RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
TUBE-FURN-RADAR WING LEADOUT
OPP. HAND NONE
DWG.
A
SIZE
28F6981
R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
#10(.193) 4 HOLES
HOLE (1) FORM TO BE DETERMINED BY LOFT. AS PER ASSY 28F6983
1 7/8
3/8
1 1/16
2 1/8
1 7/32
3/8
3/8
3/8
1 15/32
5
MC #151-2
-0 PBY-5A 28F6983 2
-0 PBY-5 28F6983 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY .064 x 2 1/4 x 5 1/8
AN-QQ-S-685
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
PLATE-FURN-RADAR WING LEADOUT
OPP. HAND NONE
DWG
A
SIZE
28F6982
R



MC# 151-2

O.H.	MODEL	NEXT ASSY.	REQ.
-0	PBY-5A	28W6029	2
-0	PBY-5	28W6029	2

STD PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED — DATE 11-21-42

CALC. WT. — ACT. WT.

SCALE 12" = 1'0"

REQUIREMENTS PER AIRPLANE

MAT. Elder

PARTS LIST PER ASSY.

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC —	—	—	—				
NAVY 1 3/16 O.D. x .109 x 3 1/2	AN-WW-T-850 COND-N	NONE	CADMIUM PLATE			"	

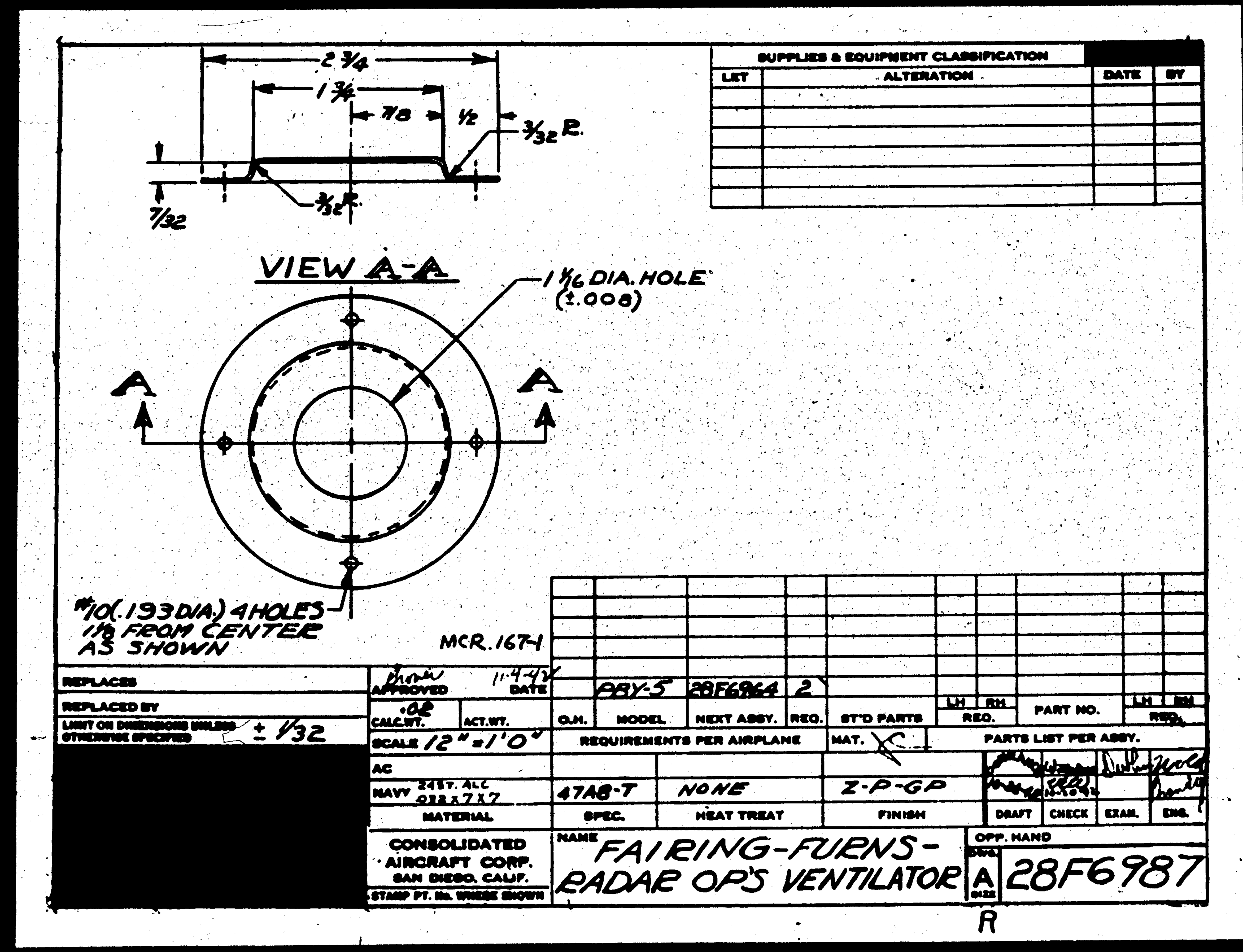
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME TUBE-FURN-RADAR STRUT LEADIN

OPP. HAND —

DWG. SIZE A 28F6984



2 3/4
1 3/4
7/8
1/2
3/32 R.
3/32 R.
7/32
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
VIEW A-A
1 1/16 DIA. HOLE (±.008)
A
A
#10 (.193 DIA.) 4 HOLES 1 1/8 FROM CENTER AS SHOWN
MCR. 167-1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
APPROVED
DATE 11-4-42
.02
CALC. WT.
ACT. WT.
SCALE 12" = 1'0"
AC
NAVY 24ST. ALC .032 x 7 x 7
MATERIAL
PBY-5
28F6964
2
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
47A8-T
NONE
Z-P-GP
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
FAIRING-FURNS-RADAR OP'S VENTILATOR
OPP. HAND
DWG.
A
SIZE
28F6987
R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	IN B/M, REPLACED "1/4 D. X 1 1/2 STAINLESS STEEL ROD, 46518 GR. I-C" WITH "NOTED" REMOVED "PH-5-10" FROM H.T. BL'K. ADDED MAT'L. NOTE. NO WT. CHG.	9-18-42	R.U.S.

#29 (.136) HOLE

1 1/2

13/32

1/2 SPHERICAL RAD.

1/8

1/4 SPHERICAL RADIUS

1/4

5/32

1/16 DIA. HOLE

#10-32 THREAD NC-3

2 IMPERFECT THREADS (MAX.)

NOTE-
MAT'L. MAY BE-
(A.) 1/4 DIA. X 1 5/8, STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B.) 1/4 DIA. X 1 5/8, STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.

NOs. (5) 464, 270 ... C91876 ... ON

	PBY-5A	28F7020	2							
	PBY-5	28F7020	2							
	PBY-5B	28F7020	2							
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	
REQUIREMENTS PER AIRPLANE				MAT. J.F.K.	PARTS LIST PER ASSY.					

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

Klev — APPROVED — 1-15-42 DATE

CALC. WT. | ACT. WT.

SCALE 2" = 1'-0"

AC

NAVY NOTED	NOTED	—	POLISH				
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

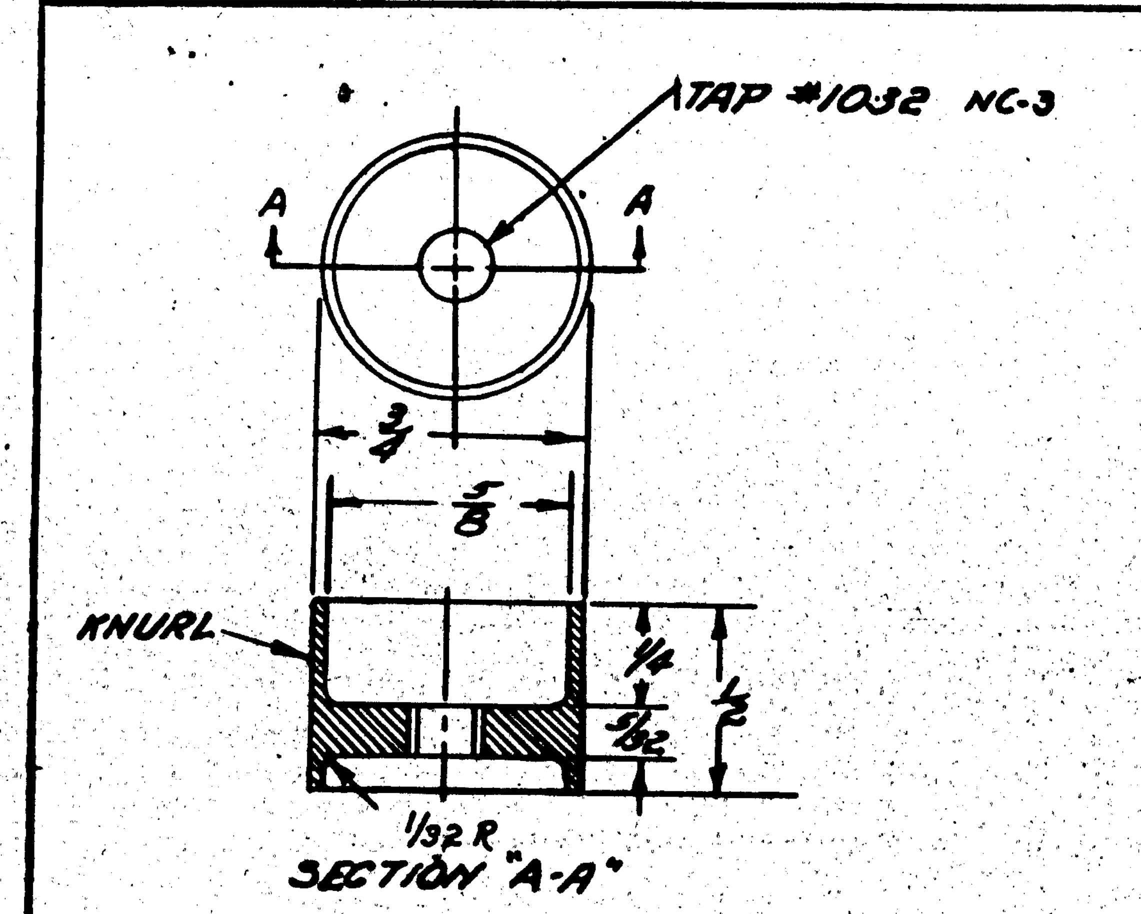
STAMP PT. No. WHERE SHOWN

NAME
SCREW - FURN. - INDICATOR MOUNTING BASE LOCK

OPP. HAND

DWG. SIZE A 28F7017

R 28F7017



SUPPLIES & EQUIPMENT CLASSIFICATION	[redacted]		
LET	ALTERATION	DATE	BY
A	IN B/M REPLACED SPEC "46323" WITH "AN-QQ-S-684" & HEAT TREAT "DH-5-10" WITH "90,000 TO 125,000#/□"" NO WT CHG	6-8-43	[illegible]

REMOVE SHARP EDGES

C-13595
91876 (NOT ON)

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28F7020	2						
	PBY-5	28F7020	2						
	PBY-5B	28F7020	2						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED [illegible] DATE 1-15-42
CALC. WT. | ACT. WT.
SCALE 2" = 1'-0"
MAT. JER.
AC
NAVY ?D CHANGE ONLY

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
	AN-QQ-S-684	90,000 TO 125,000#/□"	C.P. AN-QQ-P421	[illegible] 10/28/41	[illegible] 11-19-41	[illegible]	[illegible]

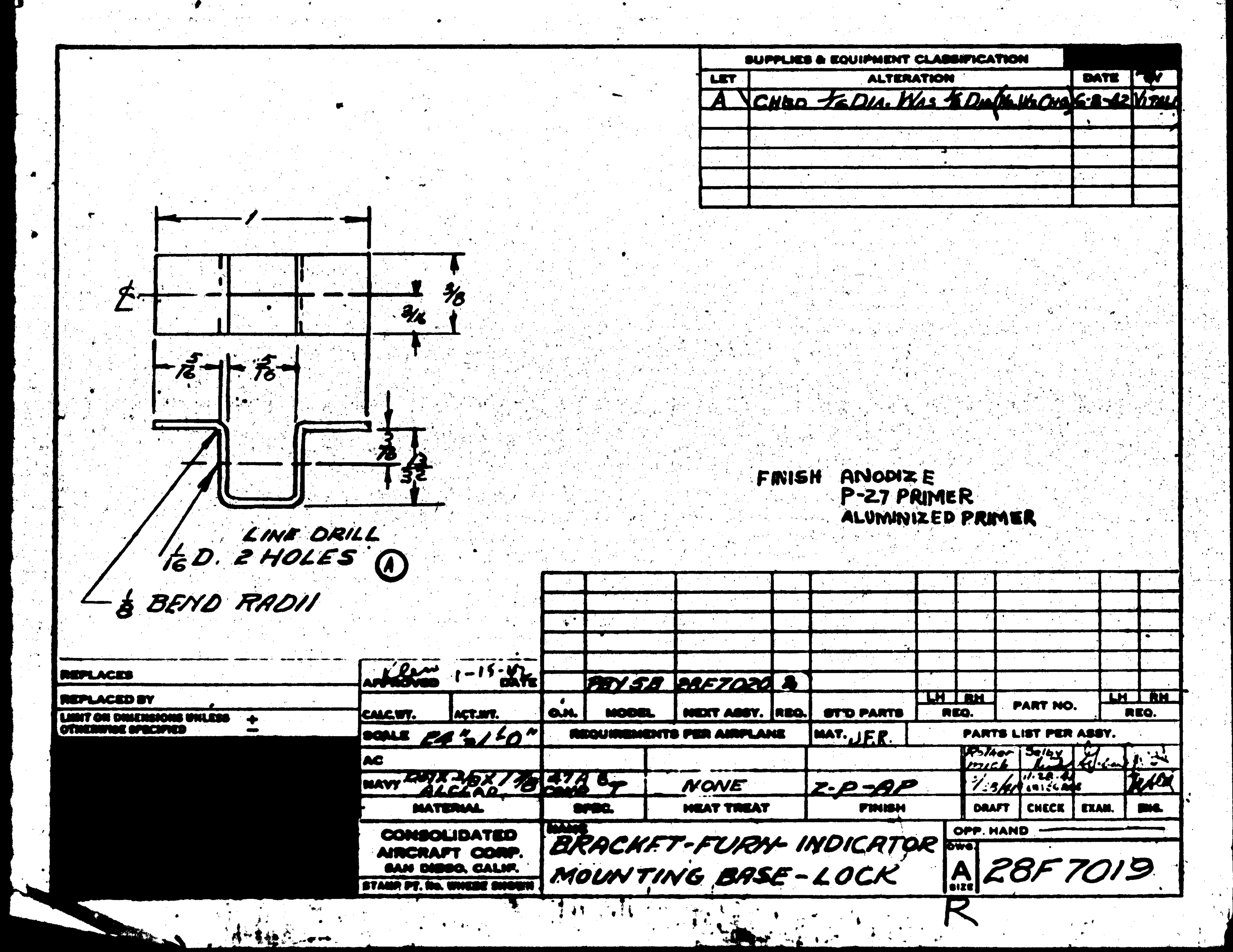
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME KNURLED NUT-FURN-INDICATOR MOUNTING BASE-LOCK

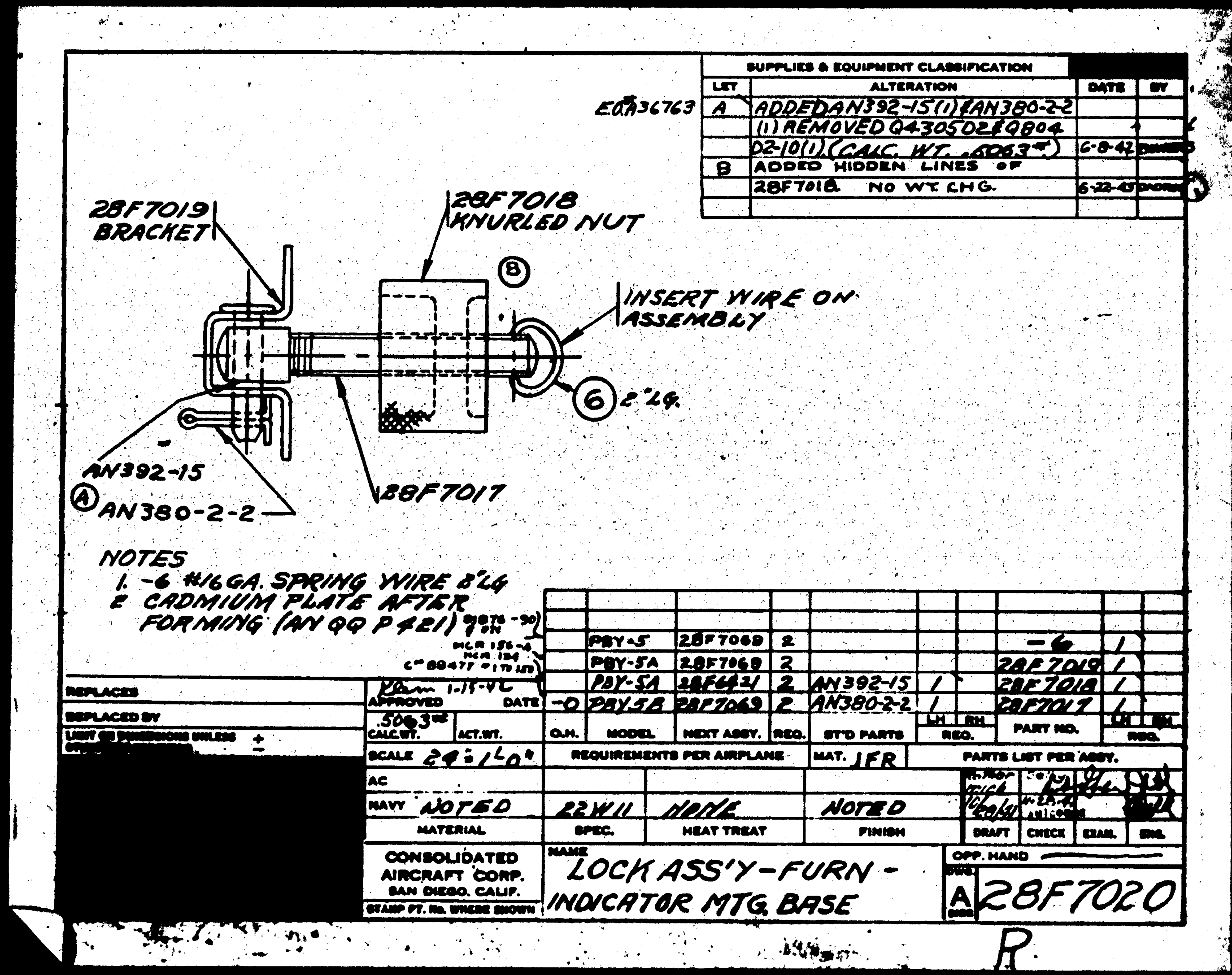
OPP. HAND —

DWG. SIZE A 28F7018

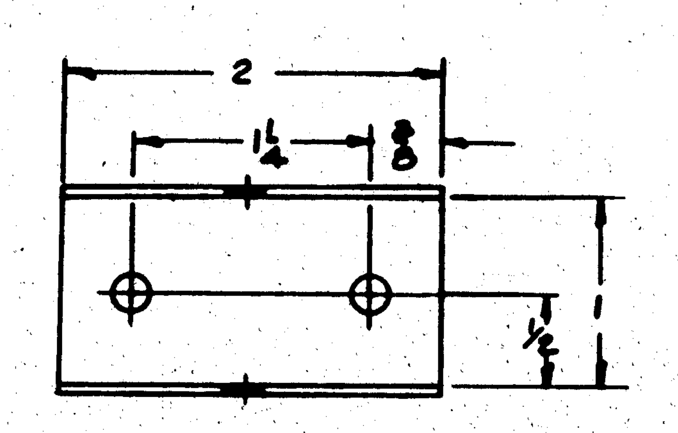
R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
1
5/16
5/16
3/8
3/16
3/16
3/32
LINE DRILL
1/16 D. 2 HOLES
A
1/8 BEND RADII
FINISH ANODIZE
P-27 PRIMER
ALUMINIZED PRIMER
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
1-15-42
CALC. WT.
ACT. WT.
SCALE
AC
NAVY
MATERIAL
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
J.F.R.
PARTS LIST PER ASSY.
NONE
Z-P-AP
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BRACKET-FURN- INDICATOR
MOUNTING BASE-LOCK
OPP. HAND
DWG.
A
SIZE
28F7019
R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
E.O.A36763
A ADDED AN392-15(1) & AN380-2-2 (1) REMOVED Q43050 2 & Q804 D2-10(1). (CALC. WT. .5063#) 6-8-42
B ADDED HIDDEN LINES OF 28F7018 NO WT. CHG. 6-22-43
28F7019 BRACKET
28F7018 KNURLED NUT
B
INSERT WIRE ON ASSEMBLY
6 2" LG.
AN392-15
A AN380-2-2
28F7017
NOTES
1. -6 #16GA. SPRING WIRE 8" LG
2. CADMIUM PLATE AFTER FORMING (AN QQ P421)
PBY-5 | 28F7069 | 2 | | | -6 | 1
PBY-5A | 28F7069 | 2 | | | 28F7019 | 1
PBY-5A | 28F6421 | 2 | AN392-15 | 1 | 28F7018 | 1
-0 | PBY5B | 28F7069 | 2 | AN380-2-2 | 1 | 28F7017 | 1
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.
REQUIREMENTS PER AIRPLANE
MAT. JFR
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS [redacted]
APPROVED DATE
.5063# CALC. WT. ACT. WT.
SCALE
AC
NAVY NOTED 22W11 NONE NOTED
MATERIAL SPEC. HEAT TREAT FINISH
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME LOCK ASS'Y - FURN - INDICATOR MTG. BASE
OPP. HAND
A 28F7020
R.



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	ADDED DIMENSION 3/16 ON FACE	1-3-42	

1 1

ALL HOLES #18 (.169)

BEND RADII 1/8

3/16 1

(A)

FINISH -
ANODIZE
P-27 PRIMER
ALUMINIZED PRIMER

	PBY-5B	28F7079	1						
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED 12-29-41 DATE

CALC. WT. | ACT. WT.

SCALE 12"=1'-0"

REQUIREMENTS PER AIRPLANE | MAT. CDY. | PARTS LIST PER ASSY.

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
ALCLAD NAVY .040 x 2 x 3 1/2 24ST	47A8-T	NONE	Z-P-A-P	11-12-41	11-28-41		

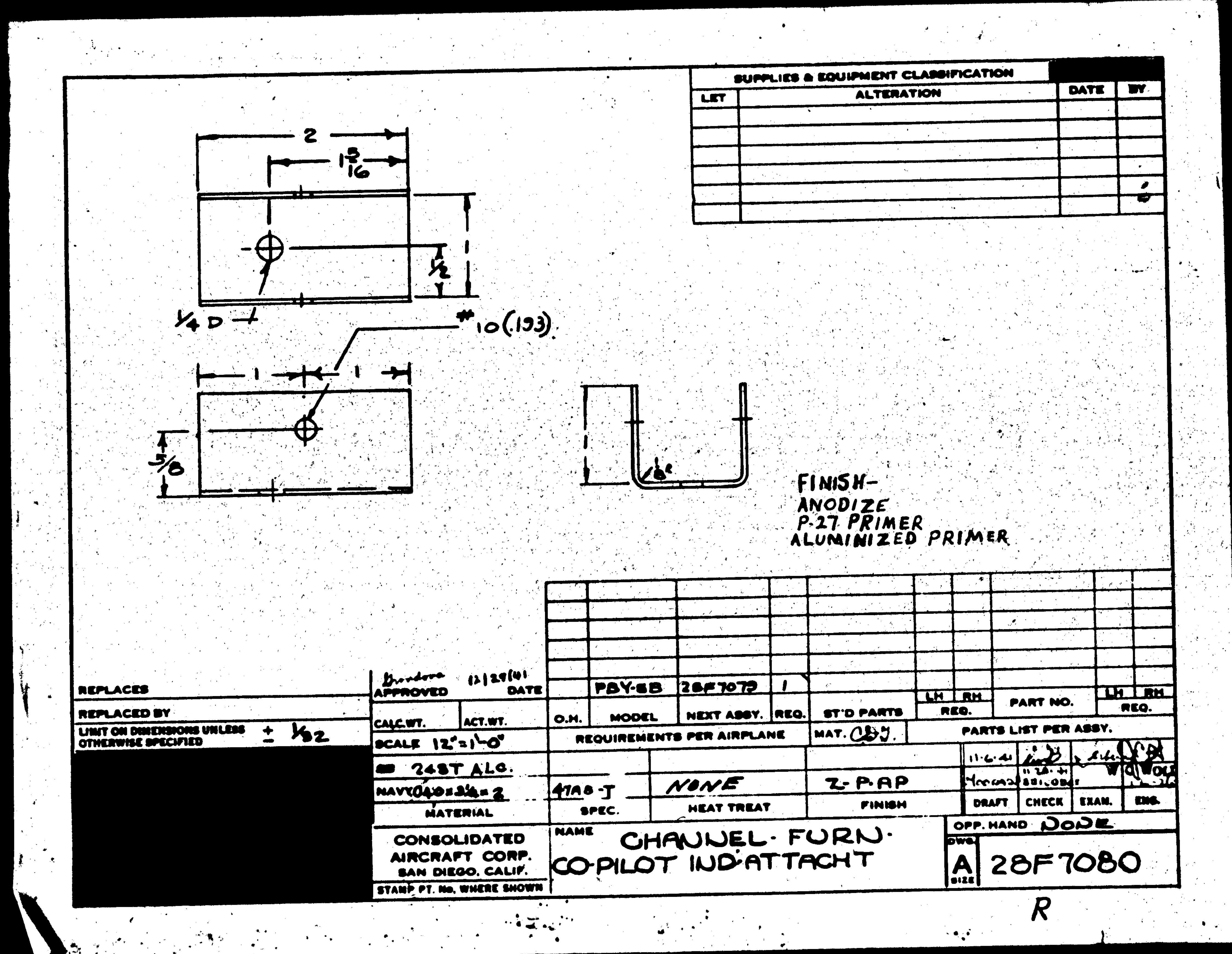
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME CHANNEL - FURN - CO-PILOT IND. - TRIPOD

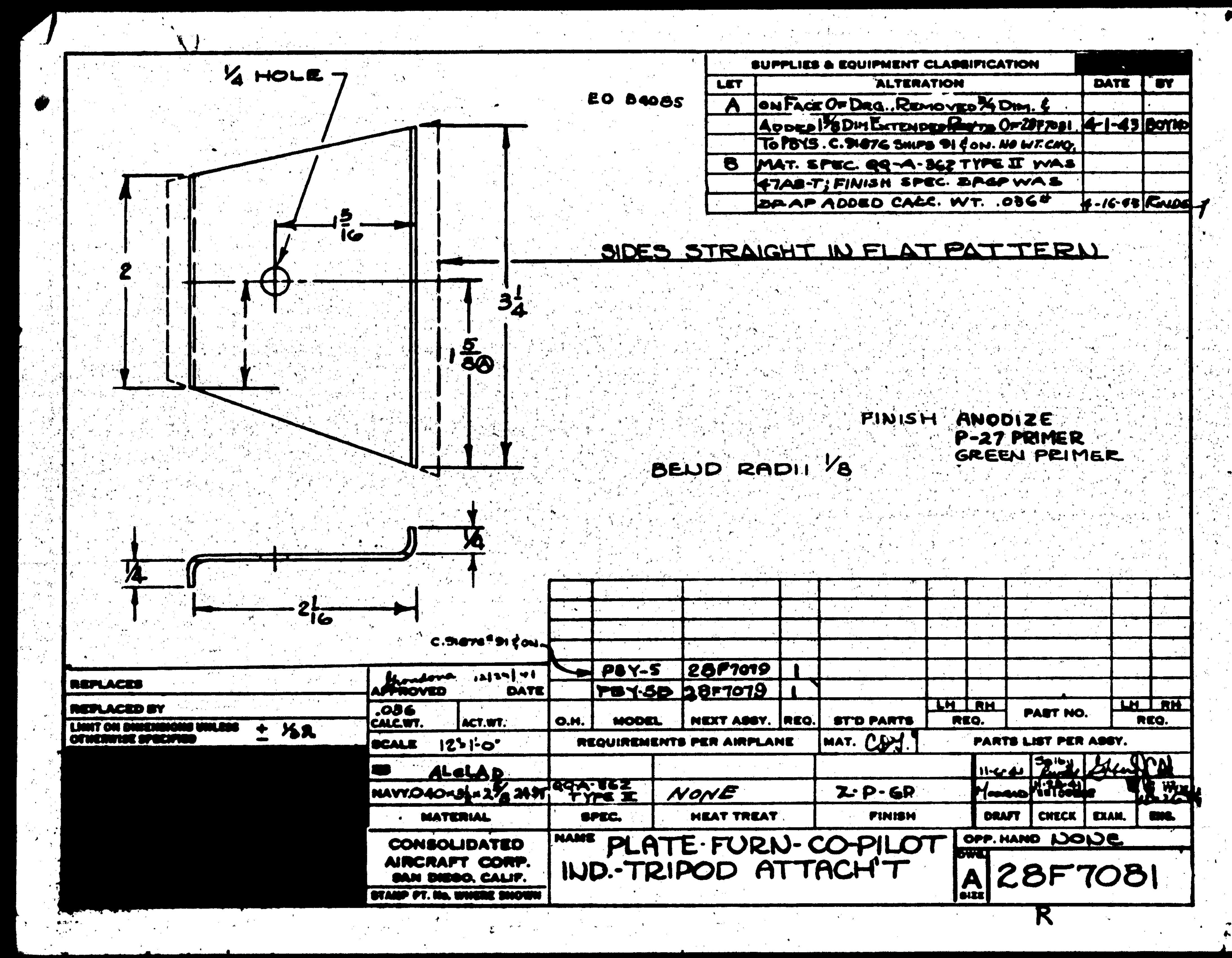
OPP. HAND NONE

DWG. A SIZE 28F7078

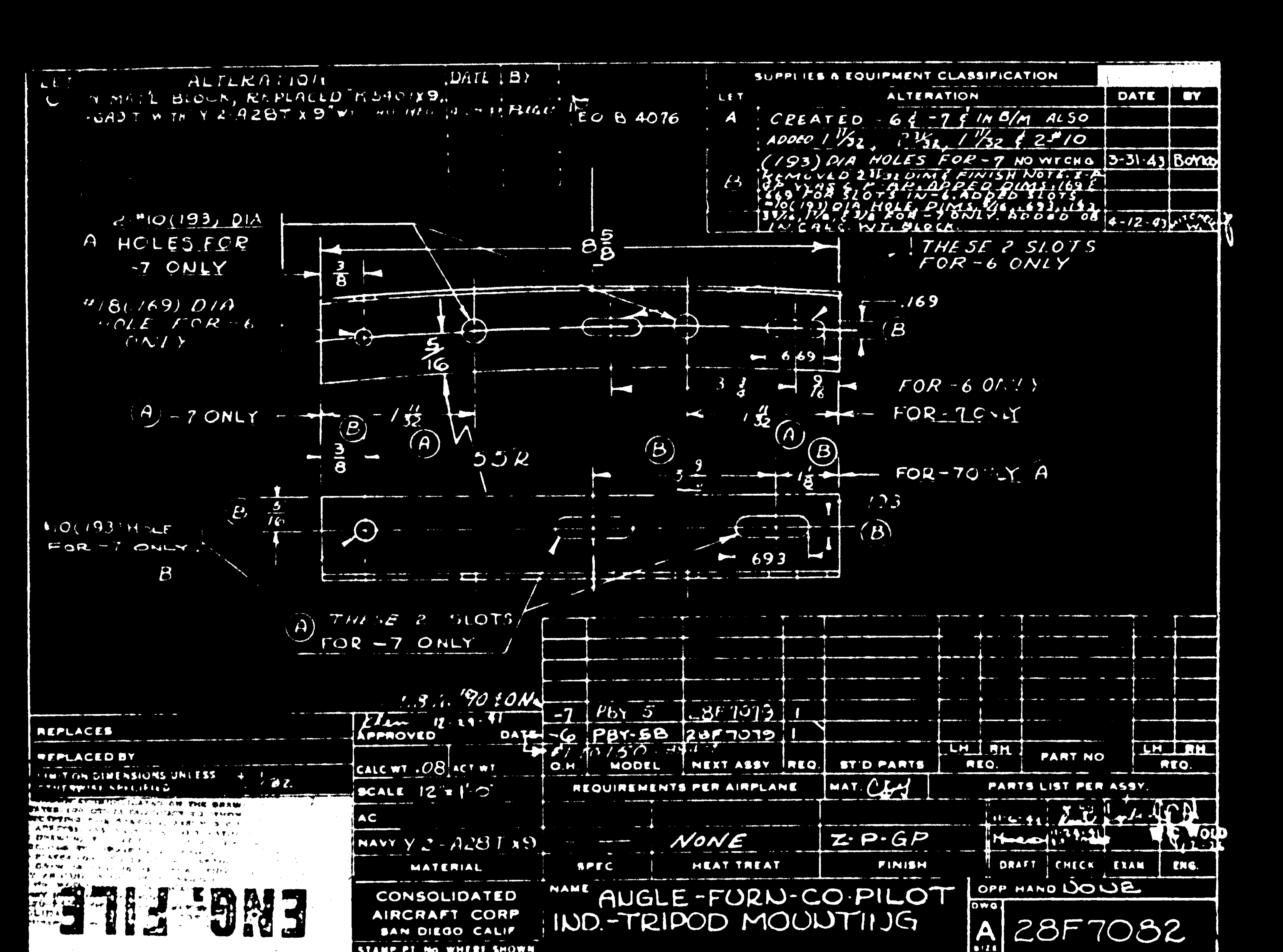
R



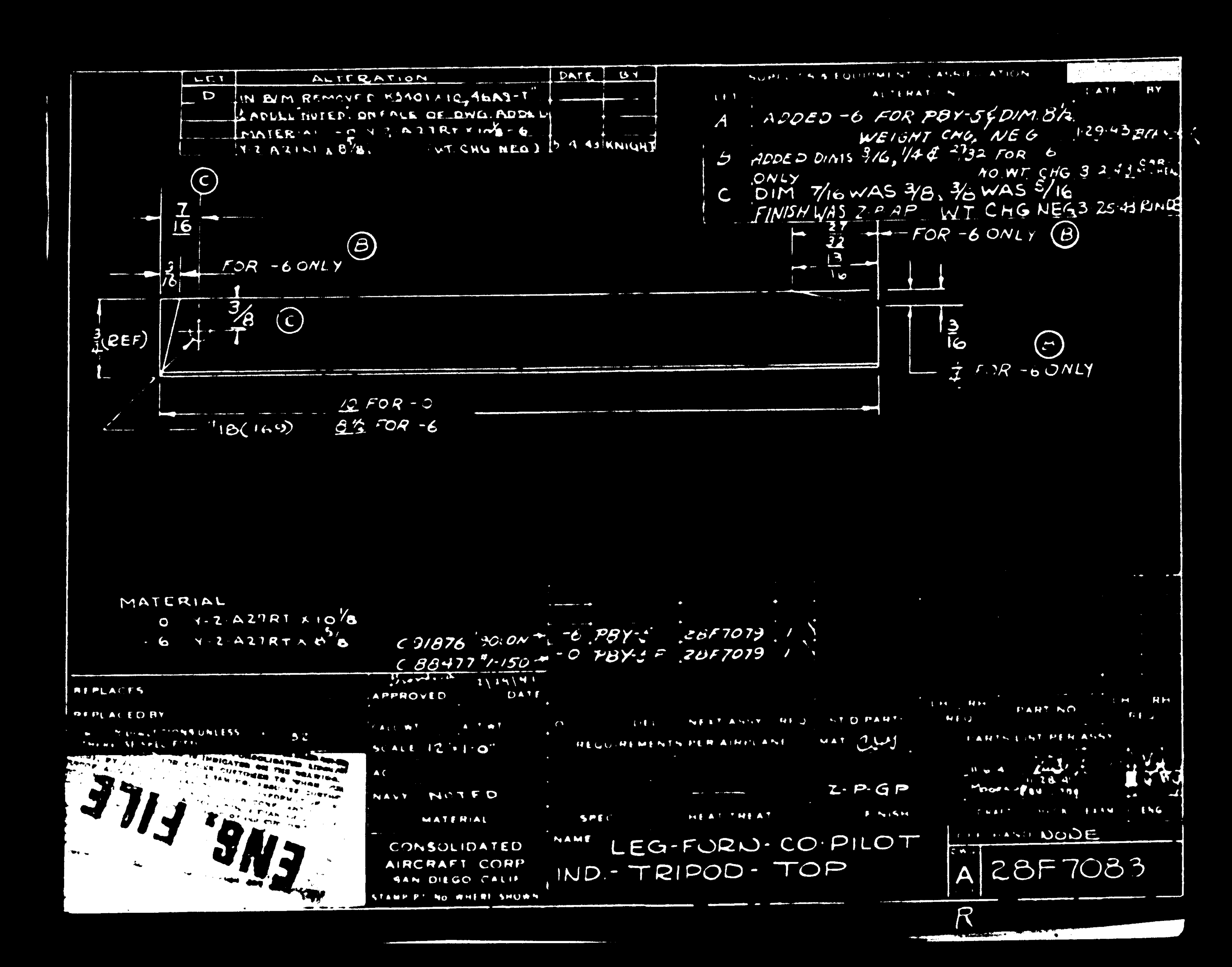
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
2
1 5/16
1/2
1/4 D
#10 (.193)
1
1
5/8
FINISH-
ANODIZE
P-27 PRIMER
ALUMINIZED PRIMER
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
12/29/41
DATE
CALC.WT.
ACT.WT.
SCALE 12"=1'-0"
24ST ALC.
NAVY .040 x 3/4 x 2
MATERIAL
PBY-5B
28F7079
1
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
47A8-T
SPEC.
NONE
HEAT TREAT
Z-P-AP
FINISH
11-6-41
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND NONE
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
CHANNEL-FURN-
CO-PILOT IND ATTACHT
DWG.
A
SIZE
28F7080
R

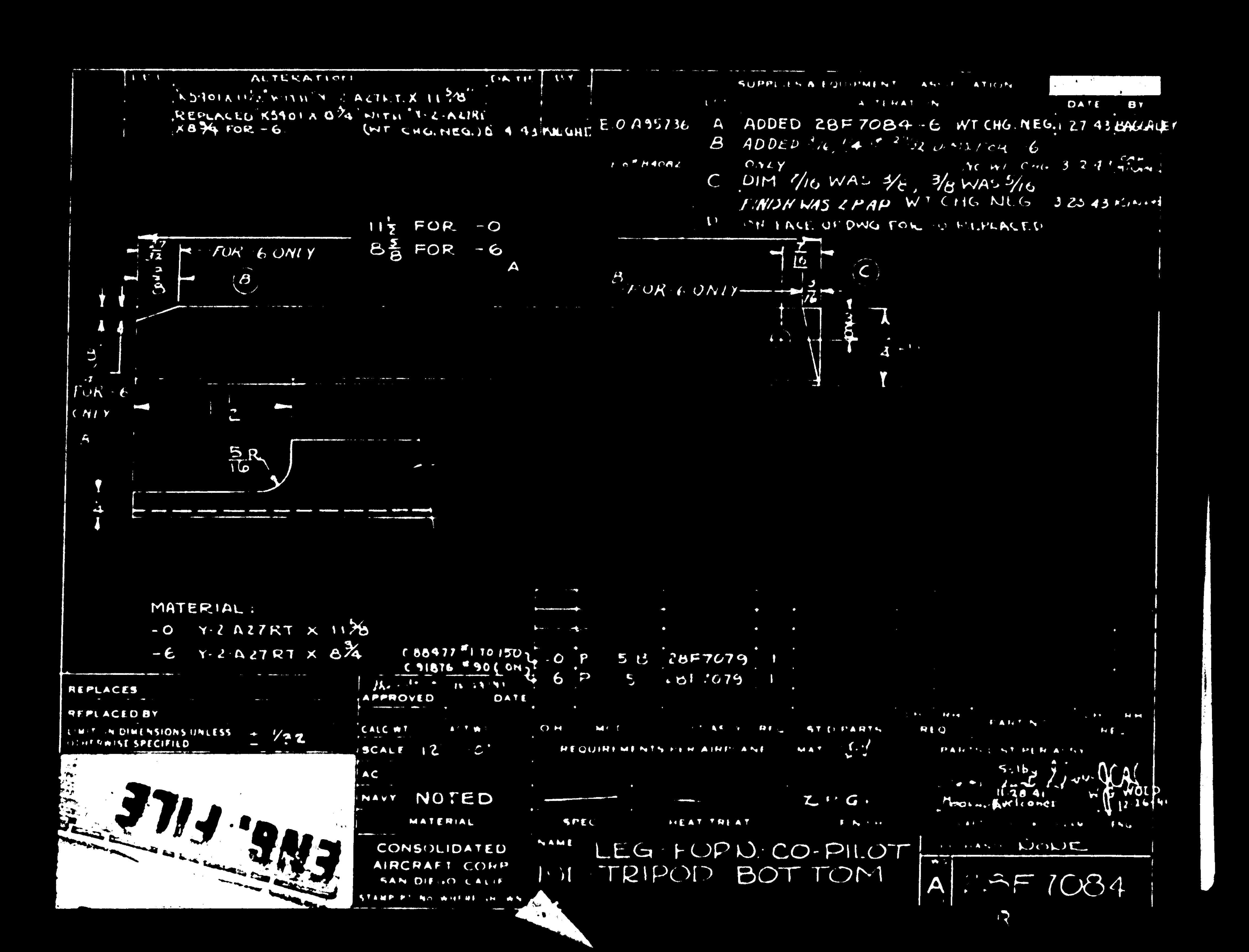


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ON FACE OF DRG.. REMOVED ¾ DIM. &
ADDED 1⅝ DIM EXTENDED
TO PBYS. C.31876 SHIPS 91 & ON. NO WT. CHG.
4-1-43
B
MAT. SPEC. QQ-A-362 TYPE II WAS
47AB-T; FINISH SPEC. ZPGP WAS
ZPAP ADDED CALC. WT. .036#
EO 84085
¼ HOLE
1 5/16
2
3 ¼
1 5/8 Ⓐ
SIDES STRAIGHT IN FLAT PATTERN
FINISH ANODIZE
P-27 PRIMER
GREEN PRIMER
BEND RADII ⅛
¼
¼
2 1/16
C.31876 & 91 & ON.
PBY-5
28F7079
1
PBY-5B
28F7079
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
APPROVED
DATE
.036
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
ALCLAD
QQ-A-362 TYPE II
NONE
Z-P-GR
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
PLATE-FURN-CO-PILOT IND.-TRIPOD ATTACH'T
OPP. HAND NONE
DWG.
A
SIZE
28F7081
R

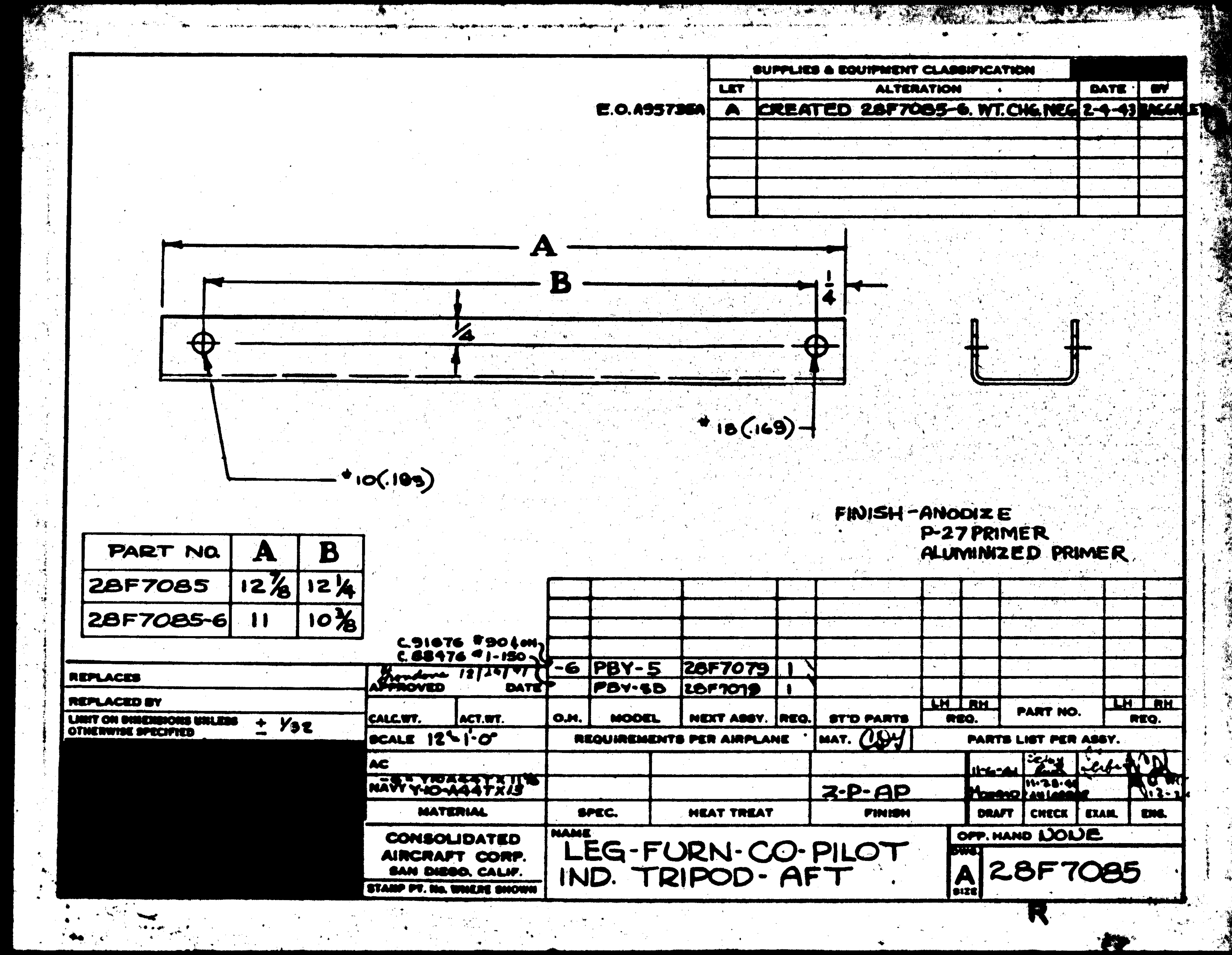


ALTERATION
DATE
BY
EO B 4076
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
CREATED -6 & -7 & IN B/M ALSO ADDED 1 11/32, 2 11/32, 1 11/32 & 2 #10 (193) DIA HOLES FOR -7 NO WT CHG
3-31-43
B
4-12-43
2-#10(193) DIA
A HOLES FOR -7 ONLY
8 5/8
THESE 2 SLOTS FOR -6 ONLY
3/8
#18(.169) DIA HOLE FOR -6 ONLY
.169
5/16
6 69
FOR -6 ONLY
FOR -7 ONLY
-7 ONLY
1 11/32
55R
FOR -7 ONLY
#10(193) HOLE FOR -7 ONLY
693
THESE 2 SLOTS FOR -7 ONLY
REPLACES
REPLACED BY
APPROVED
DATE
-7
PBY 5
28F7079
1
-6
PBY-5B
28F7079
1
O.H.
MODEL
NEXT ASSY
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO
LH
RH
REQ.
CALC WT .08
ACT WT
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY Y 2-A28T x 9
NONE
Z-P-GP
MATERIAL
SPEC
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF
STAMP PT. No. WHERE SHOWN
NAME
ANGLE-FURN-CO-PILOT IND.-TRIPOD MOUNTING
OPP HAND
DWG
A
SIZE
28F7082

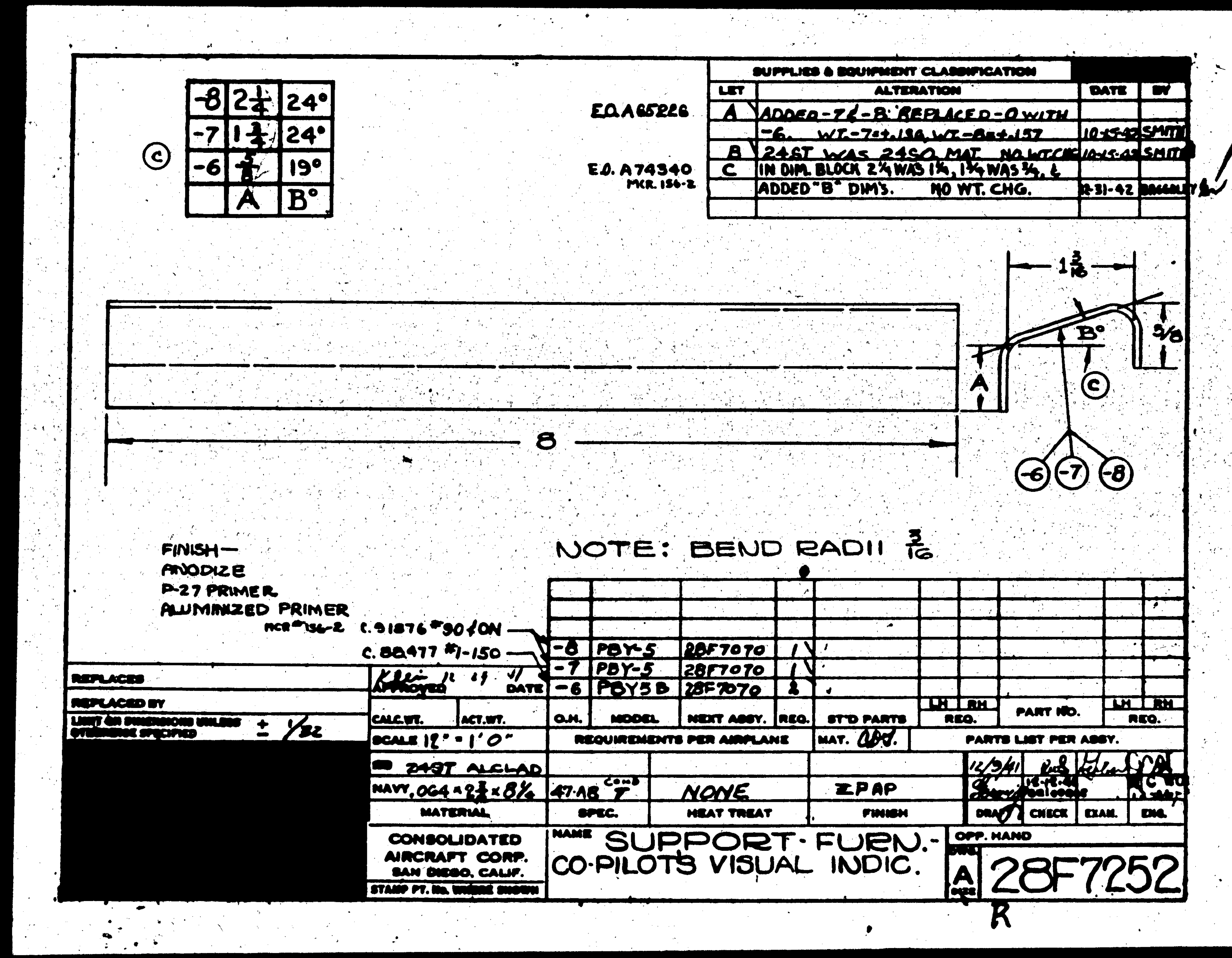

ALTERATION
DATE
BY
D
IN B/M REMOVED
MATERIAL
WT. CHG NEG
KNIGHT
ADDED -6 FOR PBY-5 & DIM. 8 1/2
WEIGHT CHG, NEG
ADDED DIMS 3/16, 1/4 & 27/32 FOR -6 ONLY
NO WT. CHG
DIM 7/16 WAS 3/8, 3/16 WAS 5/16
FINISH WAS Z-P AP
WT. CHG NEG
7/16
3/16
FOR -6 ONLY
3/8
3/4 (REF)
13/16
27/32
10 FOR -0
8 1/2 FOR -6
MATERIAL
REPLACES
REPLACED BY
APPROVED
DATE
SCALE 12"=1-0"
NAVY NOTED
MATERIAL
Z-P-GP
SPEC
HEAT TREAT
FINISH
CONSOLIDATED AIRCRAFT CORP
SAN DIEGO CALIF
ENG. FILE
NAME LEG-FORW-CO-PILOT IND.-TRIPOD-TOP
A 28F7083
R

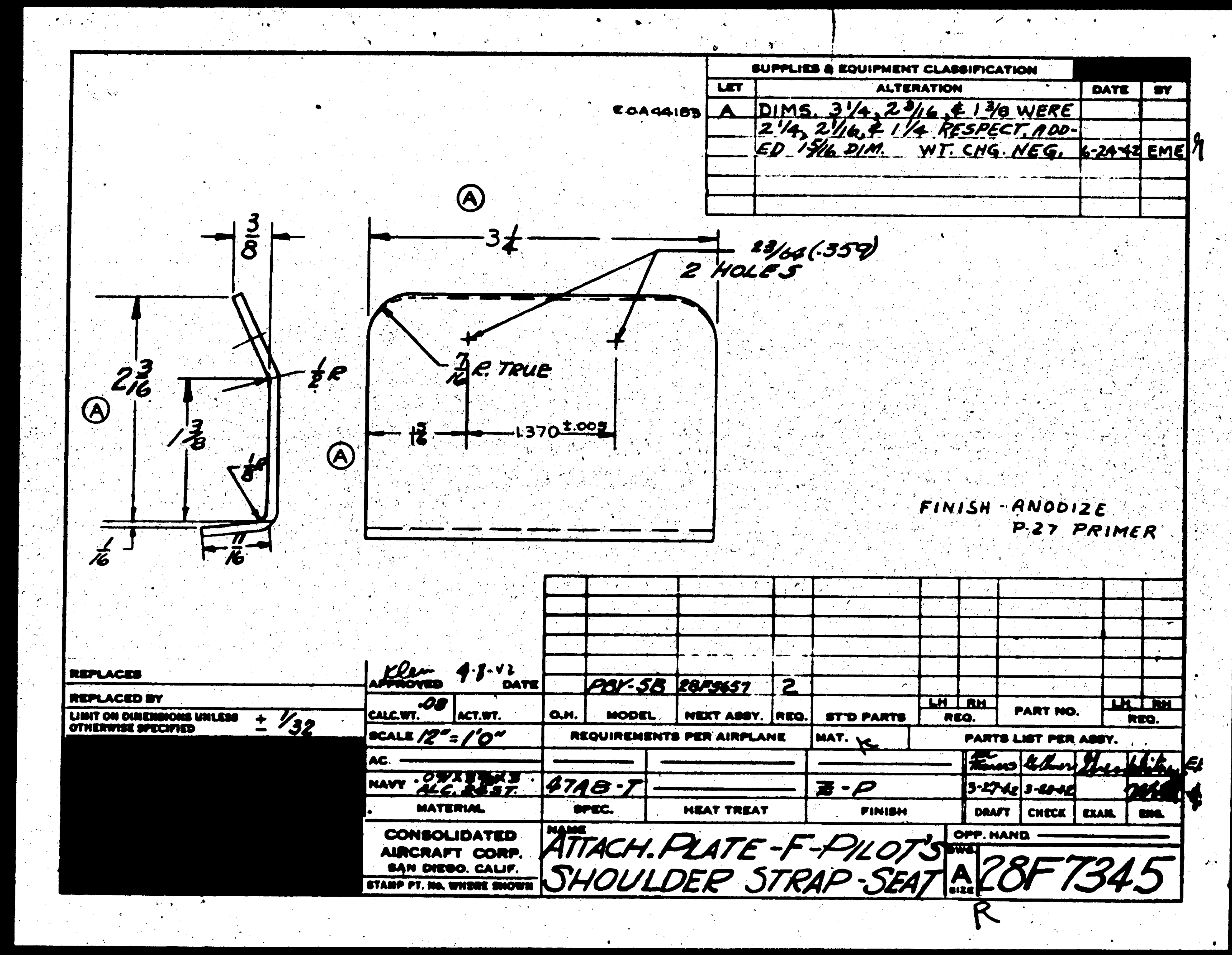


ALTERATION
DATE
BY
REPLACED K5901 X 8 3/4 WITH Y-2-A27RT X 8 3/4 FOR -6
(WT CHG. NEG.)
SUPPLIES & EQUIPMENT
E.O. A95736
A ADDED 28F7084-6 WT CHG. NEG. 1 27 43
B ADDED
ONLY
C DIM 7/16 WAS 3/8, 3/8 WAS 5/16
FINISH WAS ZPAP WT CHG NEG 3 25 43
11 1/2 FOR -0
8 5/8 FOR -6
FOR -6 ONLY
FOR -6 ONLY
5/16 R
MATERIAL:
-0 Y-2 A27RT X 11 7/8
-6 Y-2 A27RT X 8 3/4
C 88477 #1 TO 150
C 91876 #90 ON
-0 P 5 B 28F7079 1
6 P 5 28F7079 1
REPLACES
REPLACED BY
LIMITS ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC WT
SCALE
AC
NAVY NOTED
MATERIAL
SPEC
HEAT TREAT
REQUIREMENTS PER AIRPLANE
ST'D PARTS
REQ
Z.P.G.
11 28 41
12 26 41
ENG. FILE
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF
NAME LEG-FOR'D. CO-PILOT TRIPOD BOTTOM
A 28F7084

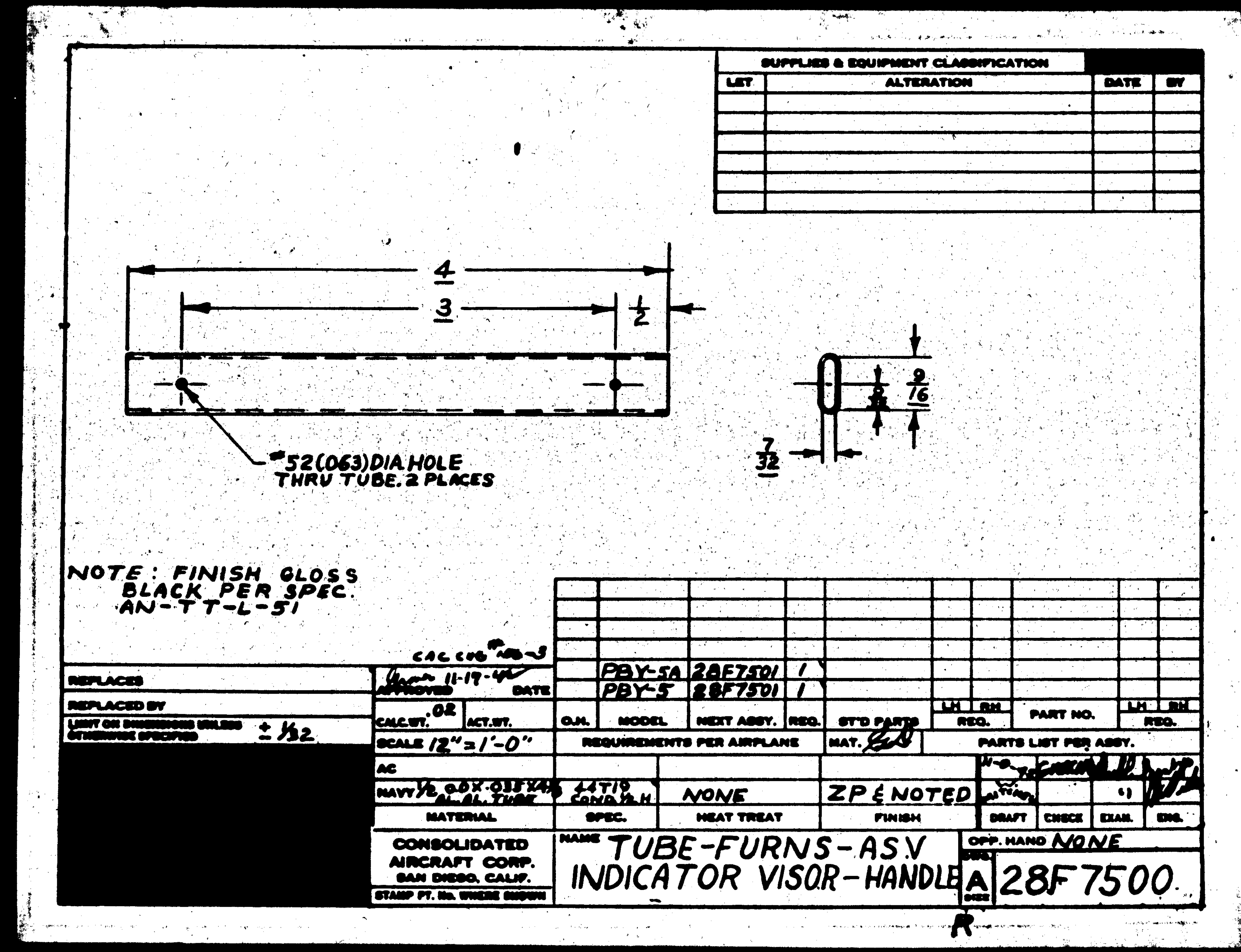


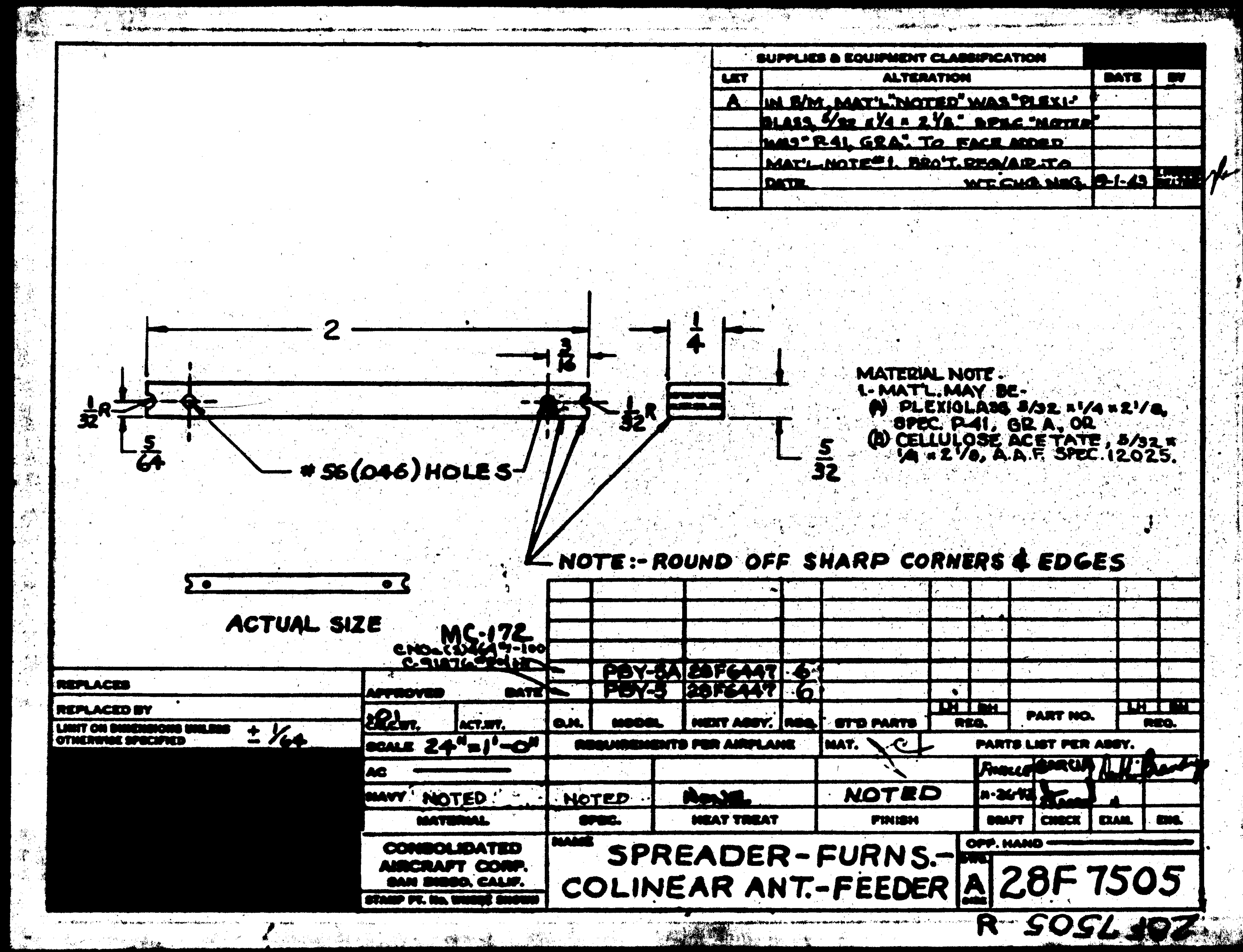
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
E.O. A95738A
A
CREATED 28F7085-6. WT. CHG. NEG
2-4-43
A
B
1/4
1/4
#18 (.169)
#10 (.193)
FINISH - ANODIZE
P-27 PRIMER
ALUMINIZED PRIMER
PART NO.
A
B
28F7085
12 7/8
12 1/4
28F7085-6
11
10 3/8
C. 91676 #901-...
C. 88476 #1-150
-6
PBY-5
28F7079
1
PBY-5B
28F7079
1
APPROVED
DATE
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY Y-10-A44TX1/8
Z-P-AP
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
LEG-FURN-CO-PILOT
IND. TRIPOD-AFT
OPP. HAND NONE
DWG.
A
SIZE
28F7085
R

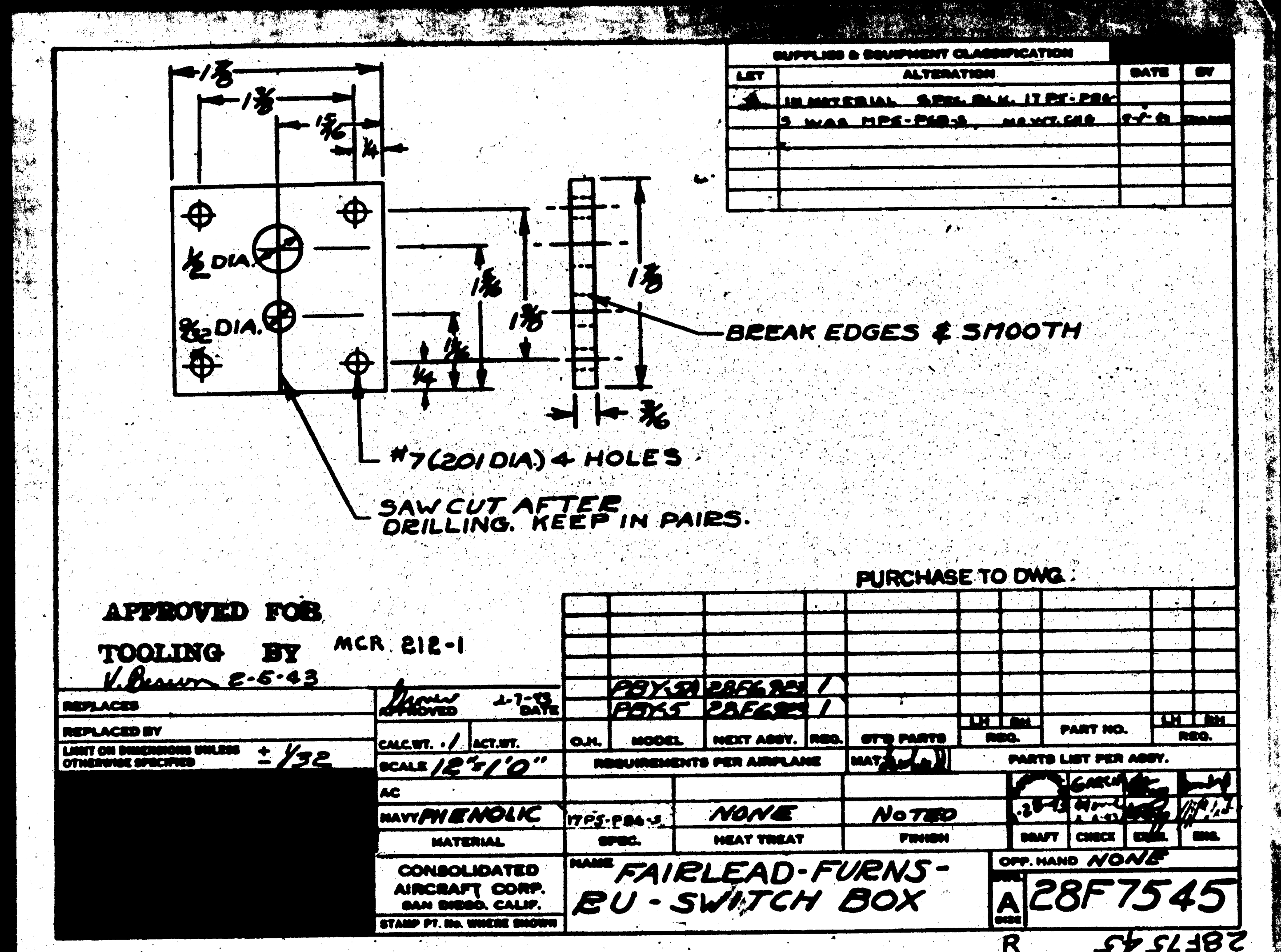

SUPPLIES & EQUIPMENT CLASSIFICATION
[redacted]
LET
ALTERATION
DATE
BY
A
ADDED -7 & -8. REPLACED -0 WITH -6. WT.-7=+.138, WT.-8=+.157
10-15-42
SMITH
B
24ST WAS 24SO MAT. NO WT CHG
10-15-42
SMITH
C
IN DIM. BLOCK 2¼ WAS 1¼, 1¾ WAS ¾, & ADDED "B" DIM'S. NO WT. CHG.
12-31-42
E.O. A65226
E.O. A74340
MCR. 156-2
-8
2¼
24°
-7
1¾
24°
-6
19°
A
B°
C
1 3/16
3/8
B°
A
C
-6
-7
-8
8
FINISH—
ANODIZE
P-27 PRIMER
ALUMINIZED PRIMER
MCR 156-2
C.91876 #90 ON
C.88477 #1-150
NOTE: BEND RADII 3/16
-8
PBY-5
28F7070
1
-7
PBY-5
28F7070
1
-6
PBY5B
28F7070
2
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE 12" = 1'0"
24ST ALCLAD
NAVY .064 × 2⅞ × 8¼
47-AB
COMB T
NONE
ZPAP
12/3/41
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
SUPPORT-FURN.-
CO-PILOTS VISUAL INDIC.
OPP. HAND
A
SIZE
28F7252
R



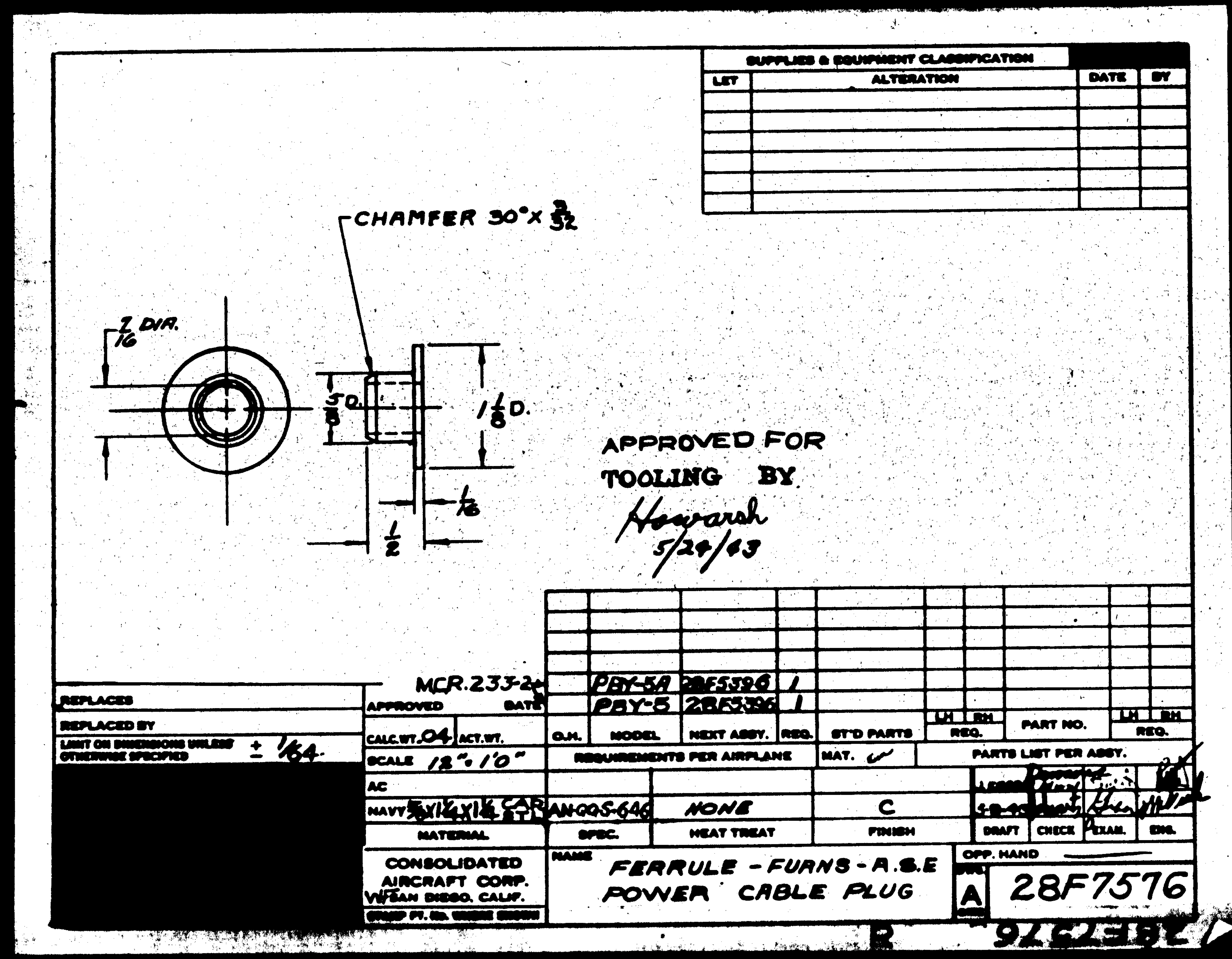
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
EOA44183
A
DIMS. 3 1/4, 2 3/16, & 1 3/8 WERE 2 1/4, 2 1/16, & 1 1/4 RESPECT. ADDED 15/16 DIM. WT. CHG. NEG.
6-24-42
EME
3/8
3 1/4
23/64 (.359)
2 HOLES
2 3/16
1/2 R
7/16 R. TRUE
1 3/8
15/16
1.370 ±.005
1/8 R
1/16
11/16
FINISH - ANODIZE
P-27 PRIMER
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
APPROVED
4-8-42
DATE
CALC.WT. .08
ACT.WT.
SCALE 12" = 1'0"
AC.
NAVY .051X3 1/4X3 ALC. 24ST.
MATERIAL
47A8-T
SPEC.
HEAT TREAT
FINISH
PBY-5B
28F9657
2
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
3-27-42
3-28-42
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
ATTACH. PLATE - F - PILOT'S SHOULDER STRAP - SEAT
OPP. HAND
DWG.
A
SIZE
28F7345
R


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
4
3
1/2
9/16
7/32
#52(.063) DIA HOLE
THRU TUBE. 2 PLACES
NOTE: FINISH GLOSS
BLACK PER SPEC.
AN-T T-L-51
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
11-17-4
PBY-5A 28F7501 1
PBY-5 28F7501 1
CALC.WT. .02
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
1/2 O.D X .035 X 4 24T10 AL. AL. TUBE
COND 1/2 H
NONE
ZP & NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
TUBE-FURNS-AS.V
INDICATOR VISOR-HANDLE
OPP. HAND NONE
A
SIZE
28F7500

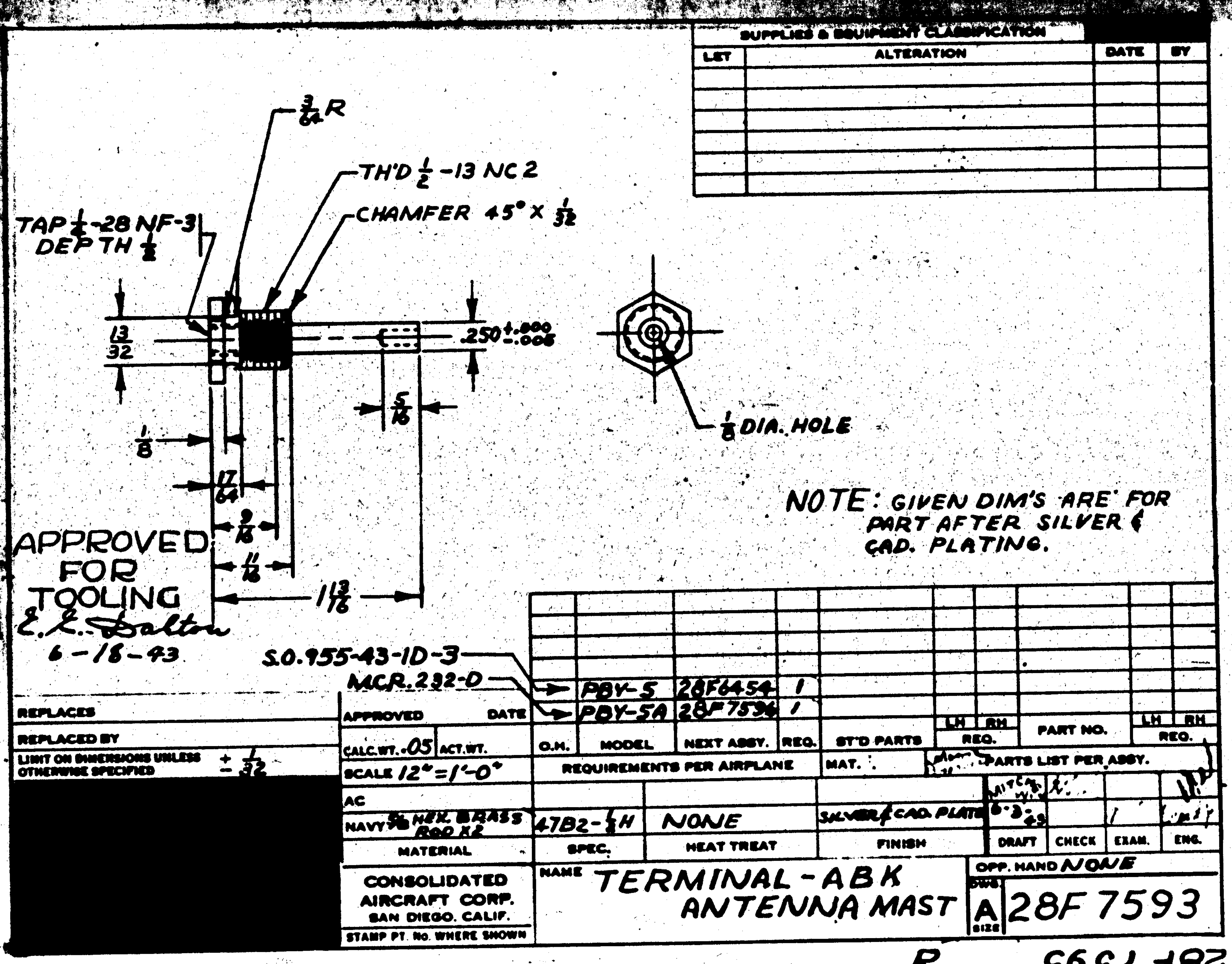

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | IN B/M, MAT'L "NOTED" WAS "PLEXI-GLASS, 5/32 x 1/4 x 2 1/8." SPEC "NOTED" WAS "P-41, GR A". TO FACE ADDED MAT'L NOTE #1. BRO'T. REG/AIR. TO DATE. W.T. CHG. NEG. | 9-1-43
2
3/16
1/4
1/32 R
5/64
#56 (.046) HOLES
1/32 R
5/32
MATERIAL NOTE:-
1- MAT'L. MAY BE-
(A) PLEXIGLASS 5/32 x 1/4 x 2 1/8, SPEC. P-41, GR A, OR
(B) CELLULOSE ACETATE, 5/32 x 1/4 x 2 1/8, A.A.F. SPEC. 12025.
NOTE:- ROUND OFF SHARP CORNERS & EDGES
ACTUAL SIZE
MC-172
PBY-5A 28F6447 6
PBY-5 28F6447 6
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED DATE
ACT. WT.
O.N. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 24" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NONE
NOTED
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
NAME
SPREADER - FURNS. - COLINEAR ANT. - FEEDER
OPP. HAND
A
28F7505
R 28F7505



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
BREAK EDGES & SMOOTH
#7(201 DIA.) 4 HOLES
SAW CUT AFTER DRILLING. KEEP IN PAIRS.
PURCHASE TO DWG.
APPROVED FOR TOOLING BY
MCR 212-1
2-5-43
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT. .1
ACT.WT.
SCALE 12"=1'0"
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
PART NO.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
NAVY PHENOLIC
MATERIAL
SPEC.
NONE
HEAT TREAT
NOTED
FINISH
DRAFT
CHECK
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME FAIRLEAD-FURNS-RU-SWITCH BOX
OPP. HAND NONE
A
28F7545
R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
CHAMFER 30° x 3/32
7/16 DIA.
5/8 D.
1 1/8 D.
1/16
1/2
APPROVED FOR TOOLING BY
Hewarsh
5/24/43
MCR.233-2
PBY-5A 28F5396 1
PBY-5 28F5396 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED
DATE
CALC.WT. .04
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
AN-QQS-646
NONE
C
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
NAME
FERRULE - FURNS - A.S.E POWER CABLE PLUG
OPP. HAND
A
28F7576



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
3/64 R
TH'D 1/2 -13 NC 2
CHAMFER 45° X 1/32
TAP 1/4-28 NF-3
DEPTH 1/2
13/32
.250 +.000 -.005
5/16
1/8 DIA. HOLE
1/8
17/64
9/16
11/16
1 13/16
NOTE: GIVEN DIM'S ARE FOR PART AFTER SILVER & CAD. PLATING.
APPROVED FOR TOOLING
E. L. Dalton
6-18-43
S.O. 955-43-1D-3
MCR. 232-D
PBY-5
28F6454
1
PBY-5A
28F7596
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT. .05
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
HEX. BRASS ROD X2
47B2-1/2H
NONE
SILVER & CAD. PLATE
6-3-43
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND NONE
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME TERMINAL - ABK ANTENNA MAST
DWG. A SIZE
28F 7593
R
28F 7593

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

1 5/8

7/8

3/8

*10 (.193) DIA
2 HOLES

1/2

1

APPROVED FOR
TOOLING BY
E. E. DALTON
6-26-43

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED DATE

CALC.WT. ACT.WT.

SCALE 12" = 1'0"

AC

NAVY 1/16 x 1 1/4 x 1 5/8 SYN RUB. GRADE A TYPE III

MATERIAL

	PBY-5A	28F295	4						
	PBY 5	28F295	4						
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

ZM048	NONE	NONE
SPEC.	HEAT TREAT	FINISH

DAC			
6-21-43			
DRAFT	CHECK	EXAM.	ENG.

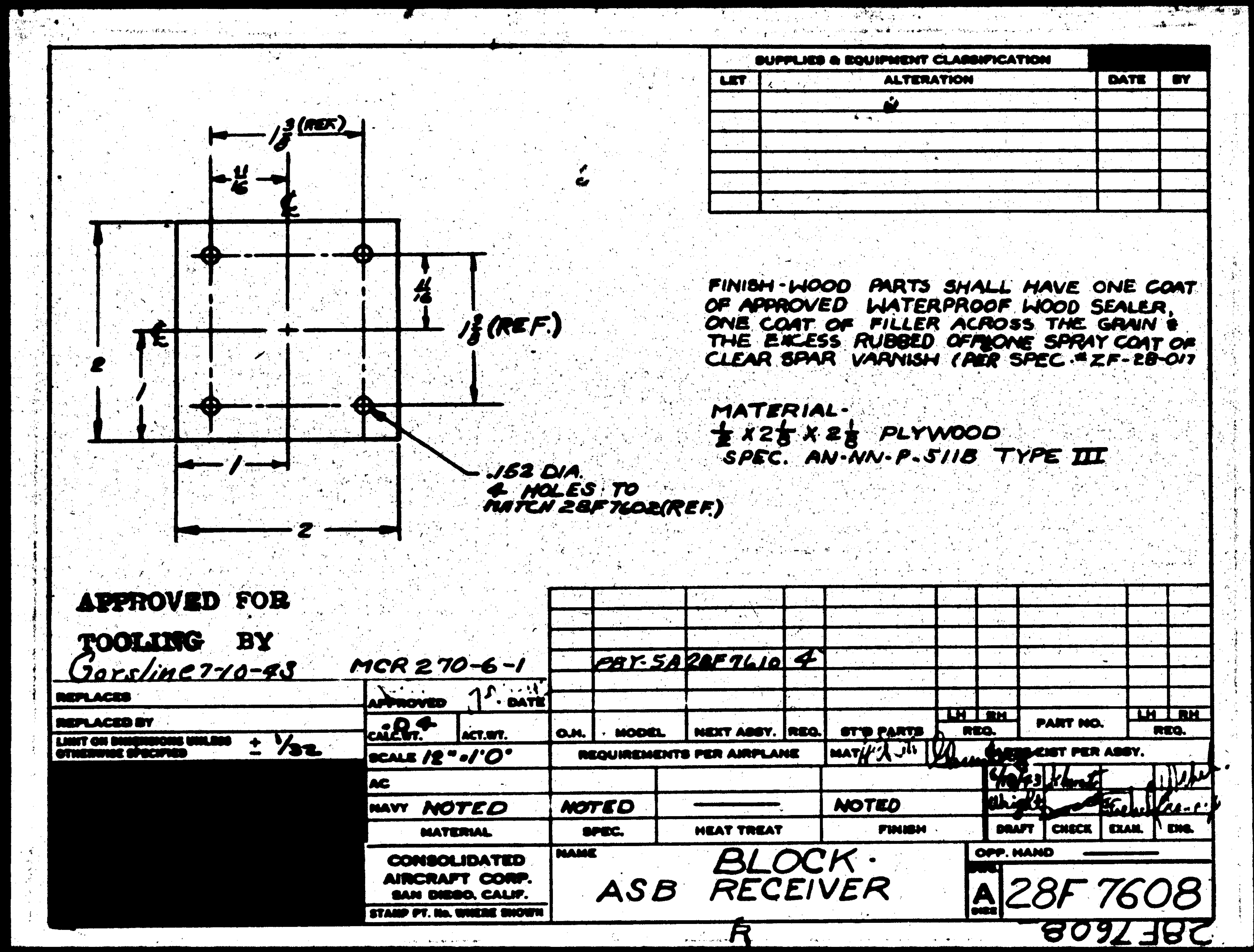
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME GASKET - HANDLE - STANLEY

OPP. HAND NONE

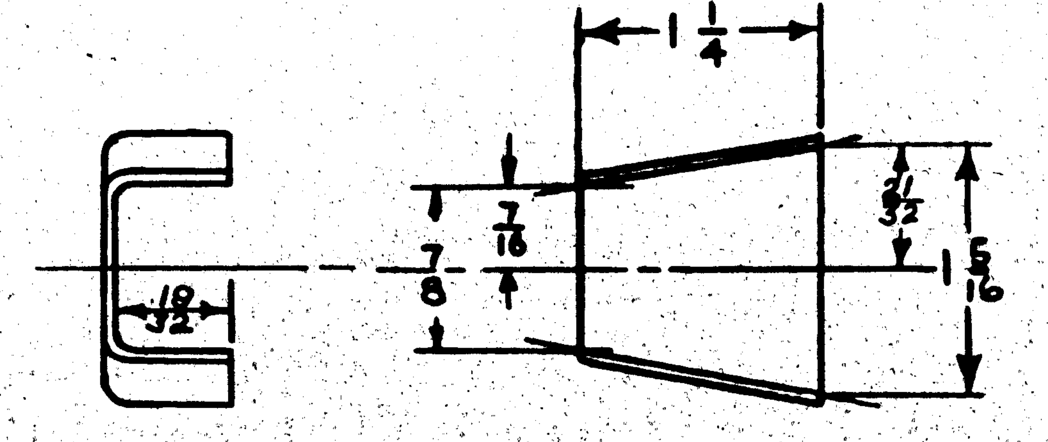
A 28F7598

R 28F7598


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1 3/8 (REF)
11/16
1 3/8 (REF.)
11/16
2
1
1
2
.152 DIA.
4 HOLES TO
MATCH 28F7602(REF.)
FINISH - WOOD PARTS SHALL HAVE ONE COAT OF APPROVED WATERPROOF WOOD SEALER, ONE COAT OF FILLER ACROSS THE GRAIN & THE EXCESS RUBBED OFF & ONE SPRAY COAT OF CLEAR SPAR VARNISH (PER SPEC # ZF-28-017
MATERIAL -
1/2 X 2 1/8 X 2 1/8 PLYWOOD
SPEC. AN-NN-P-511B TYPE III
APPROVED FOR
TOOLING BY
Gorsline 7-10-43
MCR 270-6-1
PBY-5A 28F7610 4
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
.04
CALC.WT.
ACT.WT.
SCALE 12" = 1'0"
AC
NAVY NOTED
MATERIAL
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT
PARTS LIST PER ASSY.
NOTED
SPEC.
HEAT TREAT
NOTED
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BLOCK -
ASB RECEIVER
OPP. HAND
A
SIZE
28F 7608
R
28F7608

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	IN REQ/ASSY BLK REQ (2) WAS (1) NO WT. CHG.	7-27-43	



MAKE PART
TO MATCH 28F7648

3/32 BEND RADIUS

APPROVED FOR
TOOLING BY
GORSLINE 7-16-43

MCR 270-10

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28F7630	2						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED — DATE

CALC. WT. .015 — ACT. WT.

SCALE 12" = 1'-0"

MAT.

AC

NAVY .064X1 3/16X2 3/4 ALCLAD

MATERIAL	SPEC.	HEAT TREAT	FINISH
.064X1 3/16X2 3/4 ALCLAD	QQ-A-362-T	NONE	Z-P-GP.

DRAFT	CHECK	EXAM.	ENG.
COLLINS 6-30-43			

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

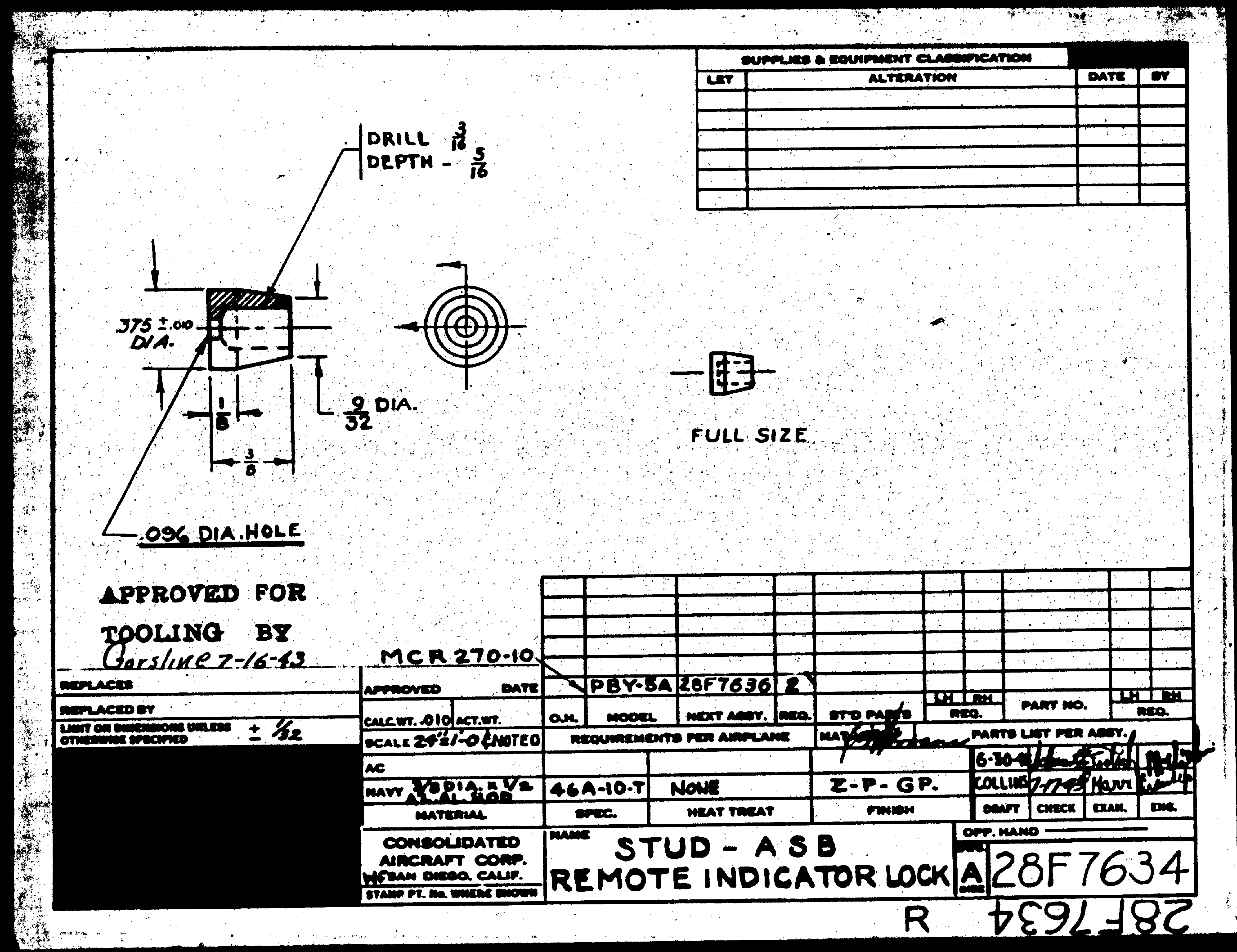
STAMP PT. No. WHERE SHOWN

NAME CLIP-ASB REMOTE INDICATOR SUPPORT

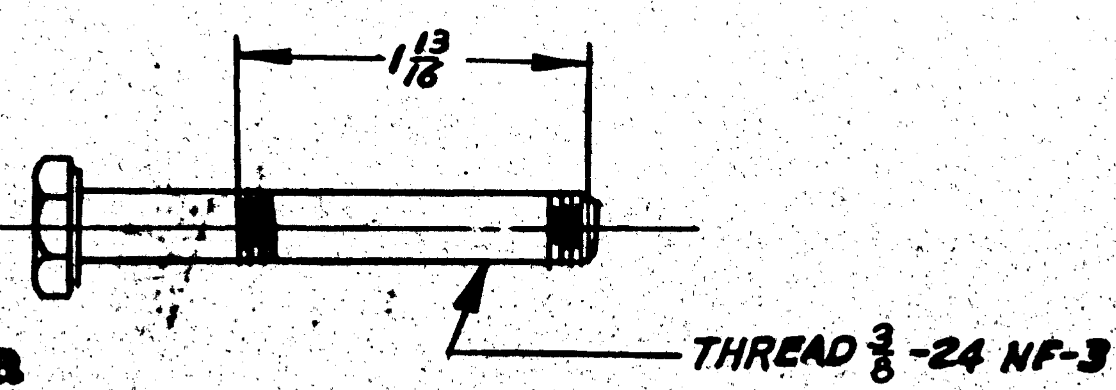
OPP. HAND

SIZE A — DWG. 28F7633

R 28F7633


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
DRILL 3/16
DEPTH - 5/16
.375 ±.010 DIA.
1/8
9/32 DIA.
3/8
.096 DIA. HOLE
FULL SIZE
APPROVED FOR TOOLING BY
Garsline 7-16-43
MCR 270-10
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT. .010
ACT. WT.
SCALE 2"=1'-0" & NOTED
PBY-5A
28F7636
2
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY 3/8 DIA. x 1/2 AL. AL. ROD
46A-10-T
NONE
Z-P-GP.
6-30-43
COLLINS
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
STUD - ASB
REMOTE INDICATOR LOCK
OPP. HAND
A
28F7634
R
28F7634

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	IN REQ/AIRP. BLK REQ (2) WAS (1) AND WT. CALC.	7/15/43	



APPROVED FOR TOOLING BY
Garslive 7-16-43

1. IDENTICAL TO AN 6-DD-25A EXCEPT THREADED TO LENGTH SHOWN.
2. MAY BE MADE FROM $\frac{9}{16}$ HEX AL. AL. ROD. SPEC. 46A9-T

MCR 270-10

	PBY-5A	28F7630	2						
					LH	RH		LH	RH
	O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ.		PART NO.	REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED — DATE

CALC. WT. — ACT. WT. .02

SCALE 12" = 1' 0"

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

AC

NAVY NOTE

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY NOTE	NOTED	NONE	2	7-5-43			

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

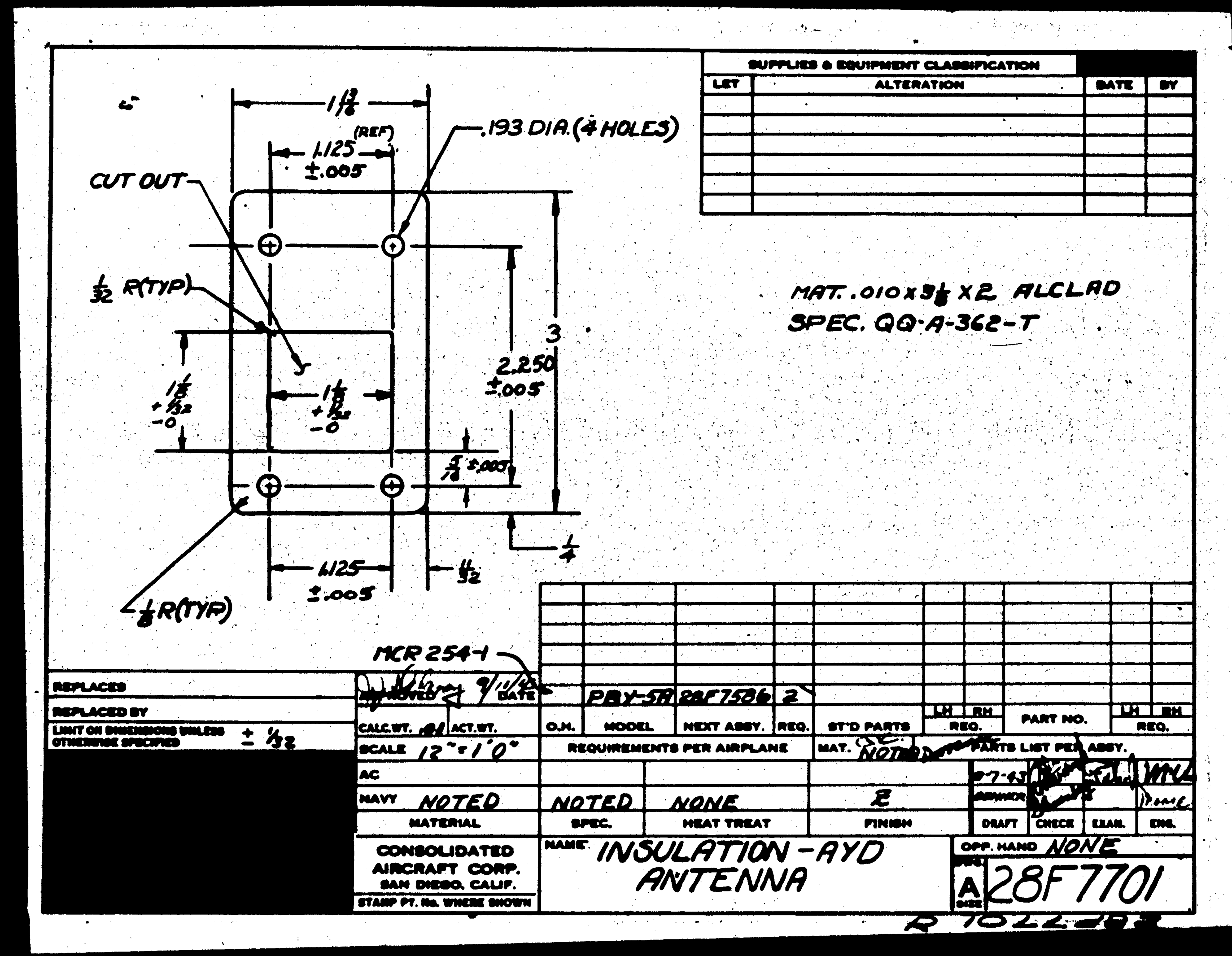
NAME BOLT-ASB REMOTE INDICATOR SUPPORT

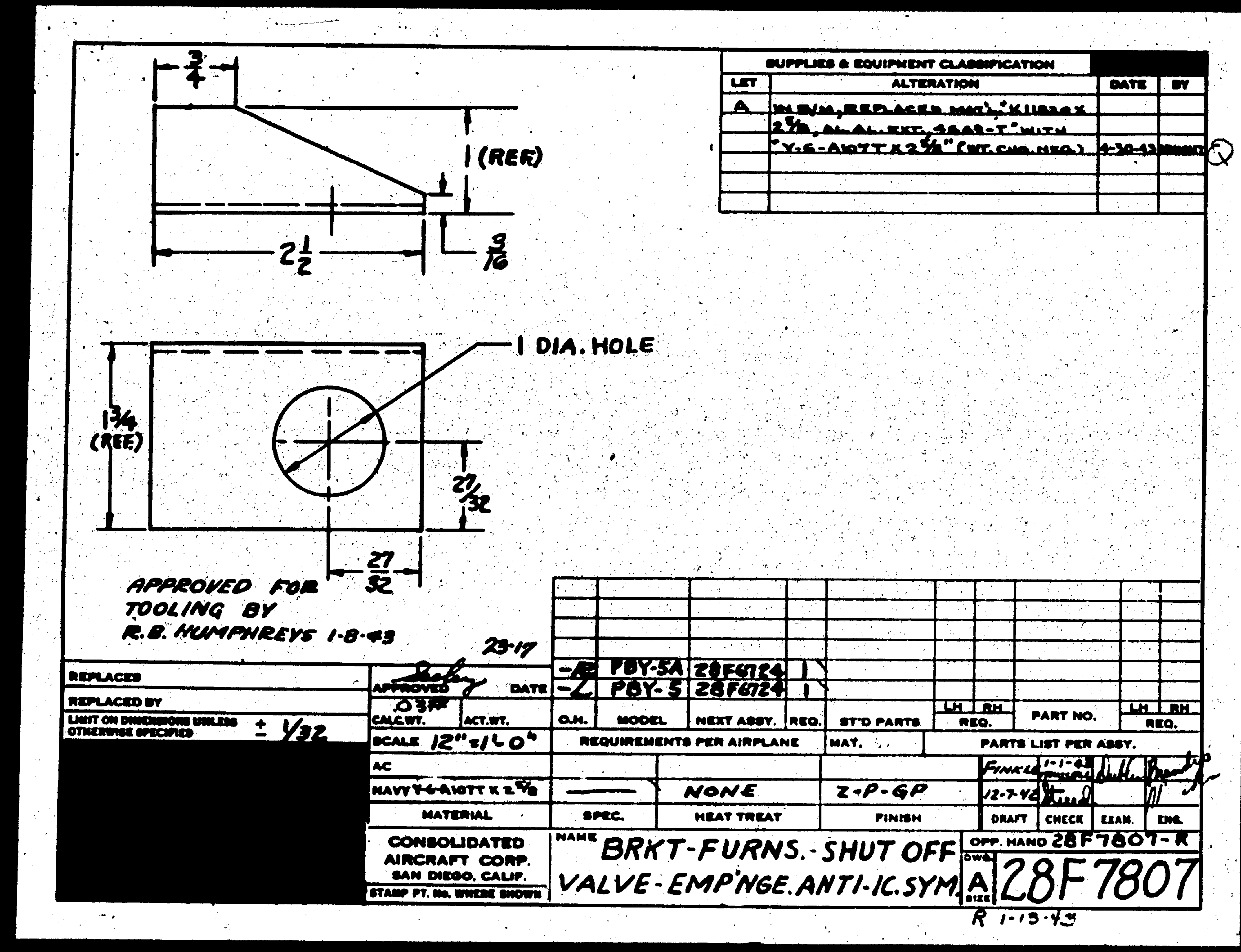
OPP. HAND NONE

SIZE A

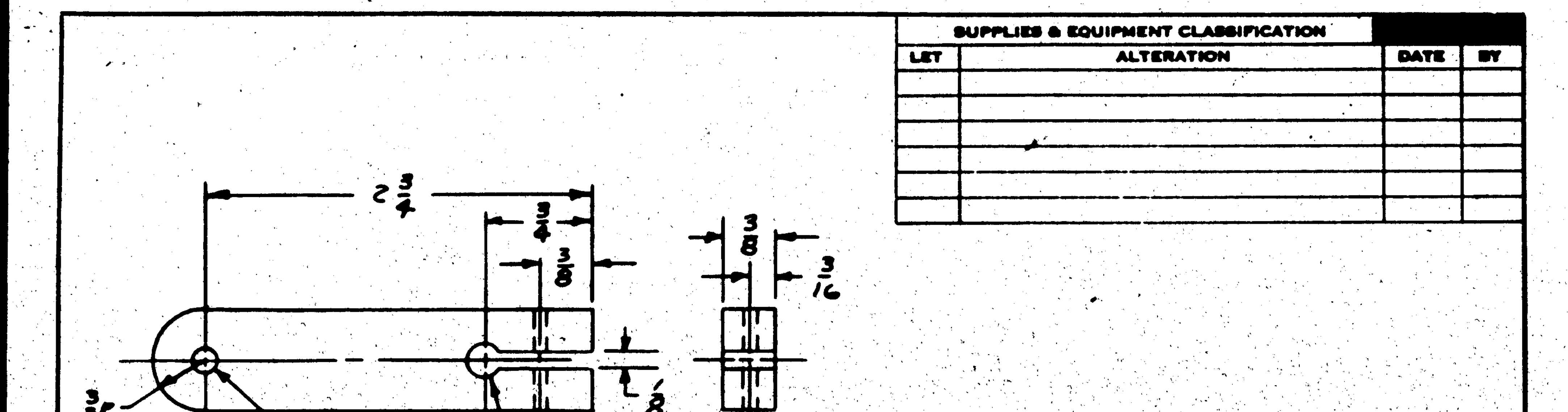
28F 7657

R 28F7657


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1 13/16
(REF)
1.125 ±.005
.193 DIA.(4 HOLES)
CUT OUT
1/32 R(TYP)
3
2.250 ±.005
1 1/8 +1/32 -0
1 1/8 +1/32 -0
5/16 ±.005
1/4
1.125 ±.005
11/32
1/8 R(TYP)
MAT. .010 x 3 1/8 x 2 ALCLAD
SPEC. QQ-A-362-T
MCR 254-1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE 12"=1'0"
AC
NAVY NOTED
MATERIAL
PBY-5A 28F7586 2
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT. NOTED
PARTS LIST PER ASSY.
NOTED
SPEC.
NONE
HEAT TREAT
2
FINISH
9-7-43
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME INSULATION - AYD ANTENNA
OPP. HAND NONE
A
SIZE
28F7701



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
(REF)
2 1/2
3/16
3/4
1 DIA. HOLE
1 3/4 (REF)
27/32
27/32
APPROVED FOR TOOLING BY R.B. HUMPHREYS 1-8-43
23-17
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
PBY-5A 28F6724 1
-2 PBY-5 28F6724 1
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NONE
Z-P-GP
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME BRKT-FURNS.-SHUT OFF VALVE-EMP'NGE. ANTI-IC. SYM.
OPP. HAND 28F7807-R
DWG. A SIZE 28F7807
R 1-13-43



APPROVED FOR TOOLING BY

C.B. Humphreys 12-24-42 M.C.R.#23

	PBY-5A	28F7815	2						
	PBY-5	28F7815	2						
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED DATE

CALC.WT. .10# ACT.WT.

SCALE 12" = 1'-0"

AC							
NAVY AL ALLOY BAR 3/8 x 3/4 x 3	46A3-T	NONE	Z-P-6P	[illegible]	LINN		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

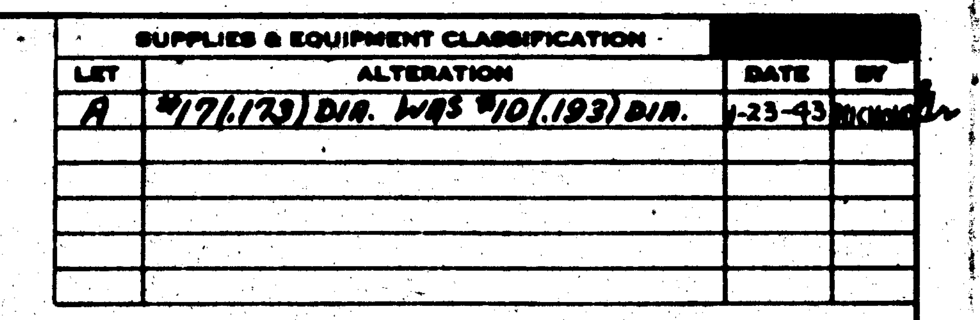
STAMP PT. No. WHERE SHOWN

NAME ARM - FURN - ANTI-ICING POSITION IND.

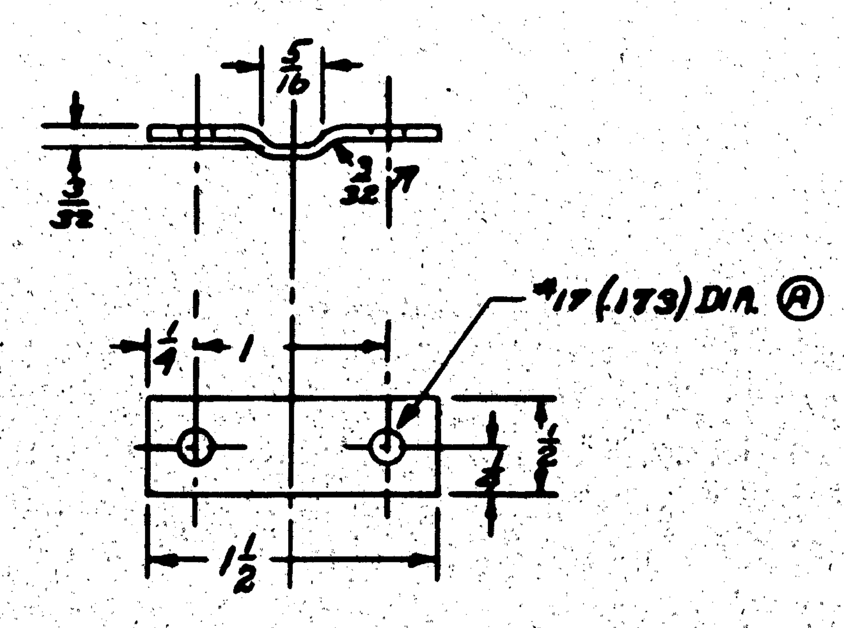
OPP. HAND

DWG. A SIZE 28F7813

R



SUPPLIES & EQUIPMENT CLASSIFICATION	[redacted]		
LET	ALTERATION	DATE	BY
A	#17(.173) DIA. WAS #10(.193) DIA.	1-23-43	NICHOLS



O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	TBY-5	28F7826	3						

REQUIREMENTS PER AIRPLANE

PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32
APPROVED	CAC CHG #23-25
DATE	
CALC. WT.	.02#
ACT. WT.	
SCALE	FULL SIZE
MAT.	
AC	
NAVY	.064 x 1/2 x 1 1/2 ALC. 24 ST

MATERIAL	SPEC.	HEAT TREAT	FINISH
.064 x 1/2 x 1 1/2 ALC. 24 ST	AN-A-13 COND. T	NONE	Z-P-2GP

DRAFT	CHECK	EXAM.	ENG.
NICHOLS 1-5-43		11	

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

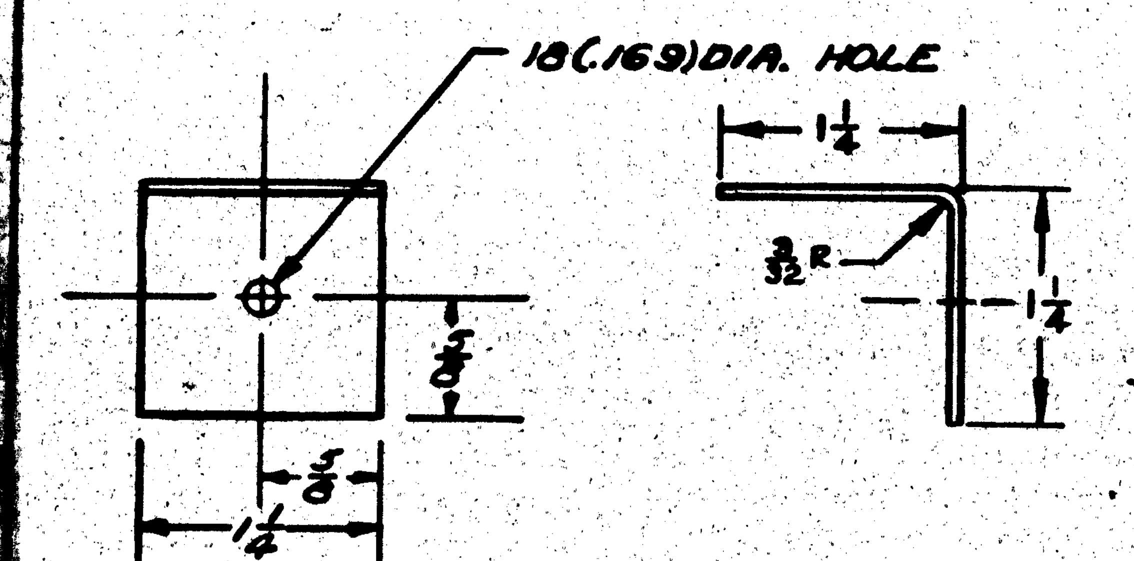
NAME THERMOCOUPLE CLAMP
FURNS-ANTI-ICING EQUIPMENT

OPP. HAND

DWG. A SIZE 28F7826

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	IN B/M, REPLACED "K78Y X 1 3/8; AL. AL. EXTR. 46 89-T" WITH "NOTED" TO EACH, ADDED DIMS. 1 1/4 (2 PLACES) & 3/32 R & MAT'L. NOTE		
	WT. CHG. NEG.	3-12-43	[illegible]



MATERIAL NOTE-
MAT'L. MAY BE-
(A) .102 X 1 3/8 X 2 5/8, 24 ST ALC., SPEC. QQ-A-362-T, OR
(B) K78Y X 1 3/8, AL. AL. EXTR., SPEC. QQ-A-354-T

NO a(5) 464
C #91876 #91 & ON

	PBY-5A	28F6716	1						
	PBY-5	28F6713	1						
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES E.O. #A98528
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

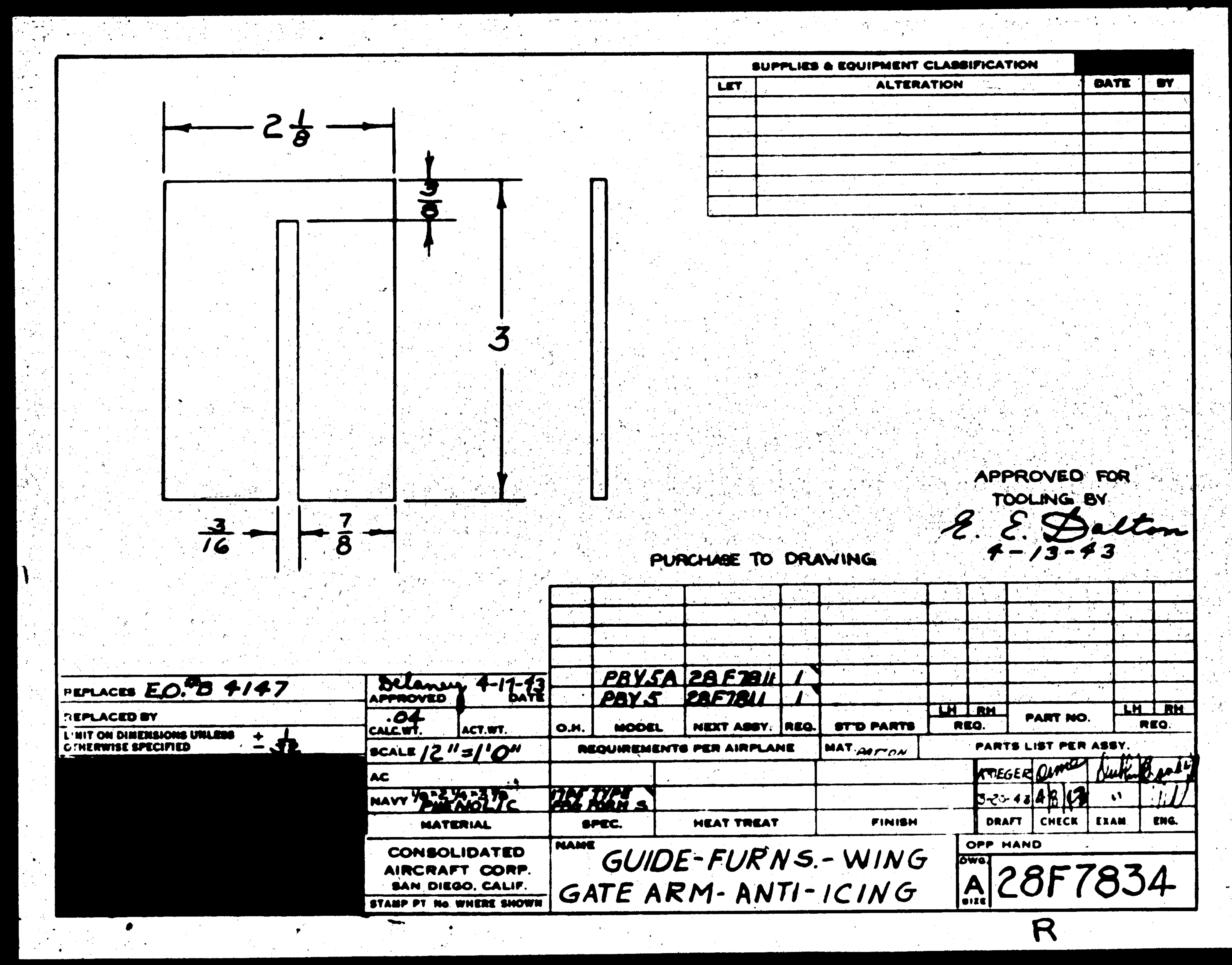
APPROVED DATE
CALC. WT. .03# ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NOTED	NOTED	NONE	NONE	[illegible] 4-30-42	[illegible]	[illegible]	[illegible]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME BRACKET-FURN'S.-HYD. SYSTEM PROPORT.-BANK-STA. #1.33
OPP. HAND
DWG. SIZE A 28F7829

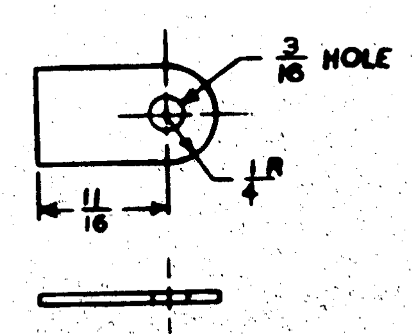
28F7829



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
2 1/8
3/8
3
3/16
7/8
APPROVED FOR
TOOLING BY
E. E. Dalton
4-13-43
PURCHASE TO DRAWING
REPLACES E.O. #B 4147
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
Delaney 4-11-43
APPROVED
DATE
.04
CALC.WT.
ACT.WT.
SCALE 12" = 1'0"
AC
NAVY
PHENOLIC
MATERIAL
SPEC.
HEAT TREAT
FINISH
PBY.5A 28F7811 1
PBY.5 28F7811 1
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
KREGER
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT No. WHERE SHOWN
NAME
GUIDE-FURNS.-WING
GATE ARM-ANTI-ICING
OPP HAND
DWG.
A
SIZE
28F7834
R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	IN B/M, REPLACED ".093 x 5/8 x 1 11/16 SAE 1025 CARBON STEEL" & AN-S-11" WITH "NOTED", REPLACED "NONE" WITH "NOTED" ON FACE, ADDED MATERIAL NOTE. NO WT. CHG.	10/5/43	HOOK

Ⓐ MATERIAL MAY BE:
(A) .093 x 5/8 x 1 11/16, SAE 1025 CARBON STEEL, SPEC. AN-S-11, T.S. 55,000 TO 70,000 P.S.I., OR
(B) .093 x 5/8 x 1 11/16, SAE X4130 CHROME-MOLY STEEL, SPEC. AN-QQ-S-685, T.S. 65,000 TO 125,000 P.S.I.



APPROVED FOR TOOLING BY
F. Howard
6/24/43

MCR 178L
MCR. 23N

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28F7851	3						
	PBY-5	28F7851	3						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32
APPROVED	DATE
CALC. WT. .010	ACT. WT.
SCALE 12" = 1'-0"	
AC	
NAVY	NOTED
MATERIAL	

SPEC.	HEAT TREAT	FINISH
NOTED	NOTED	NONE

DRAFT	CHECK	EXAM.	ENG.
F-27-43			

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No WHERE SHOWN

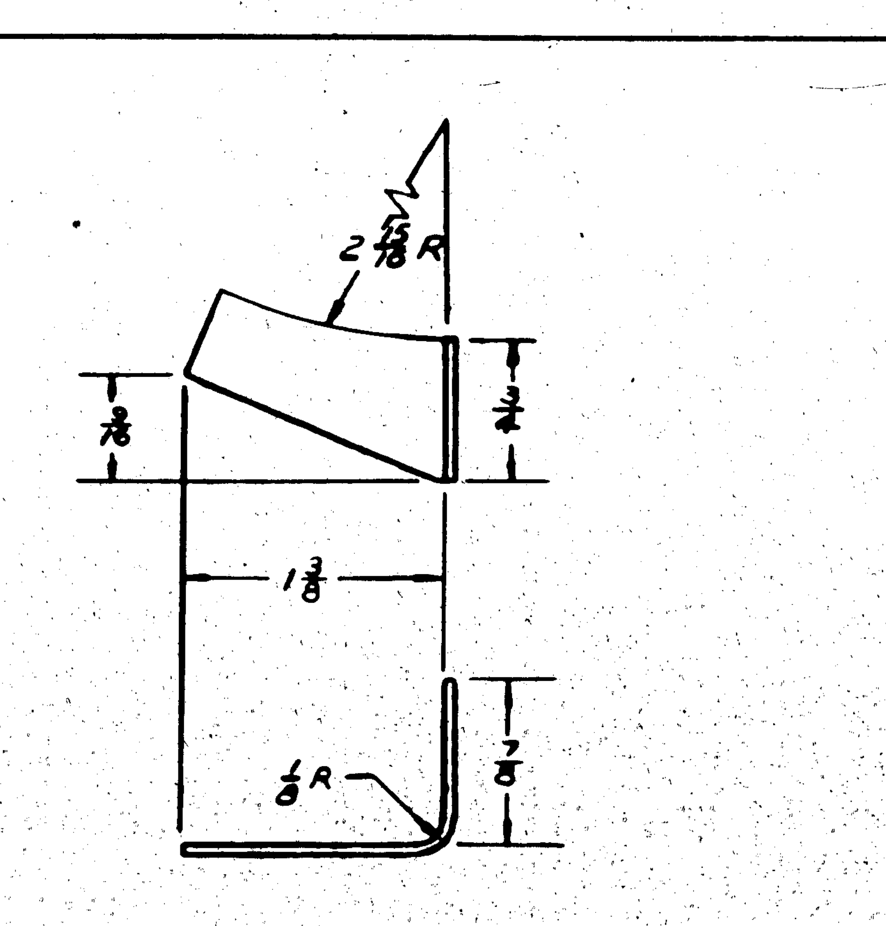
NAME: EYE - EMPENNAGE ANTI-ICER HEATER HOOP

OPP. HAND —

SIZE A — DWG. 28F7848

R 28F7848

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



APPROVED FOR TOOLING BY
Garsline 8-10-43

MCR 221B-4

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
-R	PBY-5A	28F7860	6						
-L	PBY-5A	28F7861	1						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	±
APPROVED	DATE
CALC. WT. .01	ACT. WT.
SCALE 12" = 1'0"	MAT.
AC	
NAVY	

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
.040 X 1 X 2 3/8 ALCLAD	2QA-362T	NONE	Z-P-GP	8-3-43	8-20-43		

CONSOLIDATED VULTEE AIRCRAFT CORP.
San Diego Division
San Diego, Calif.

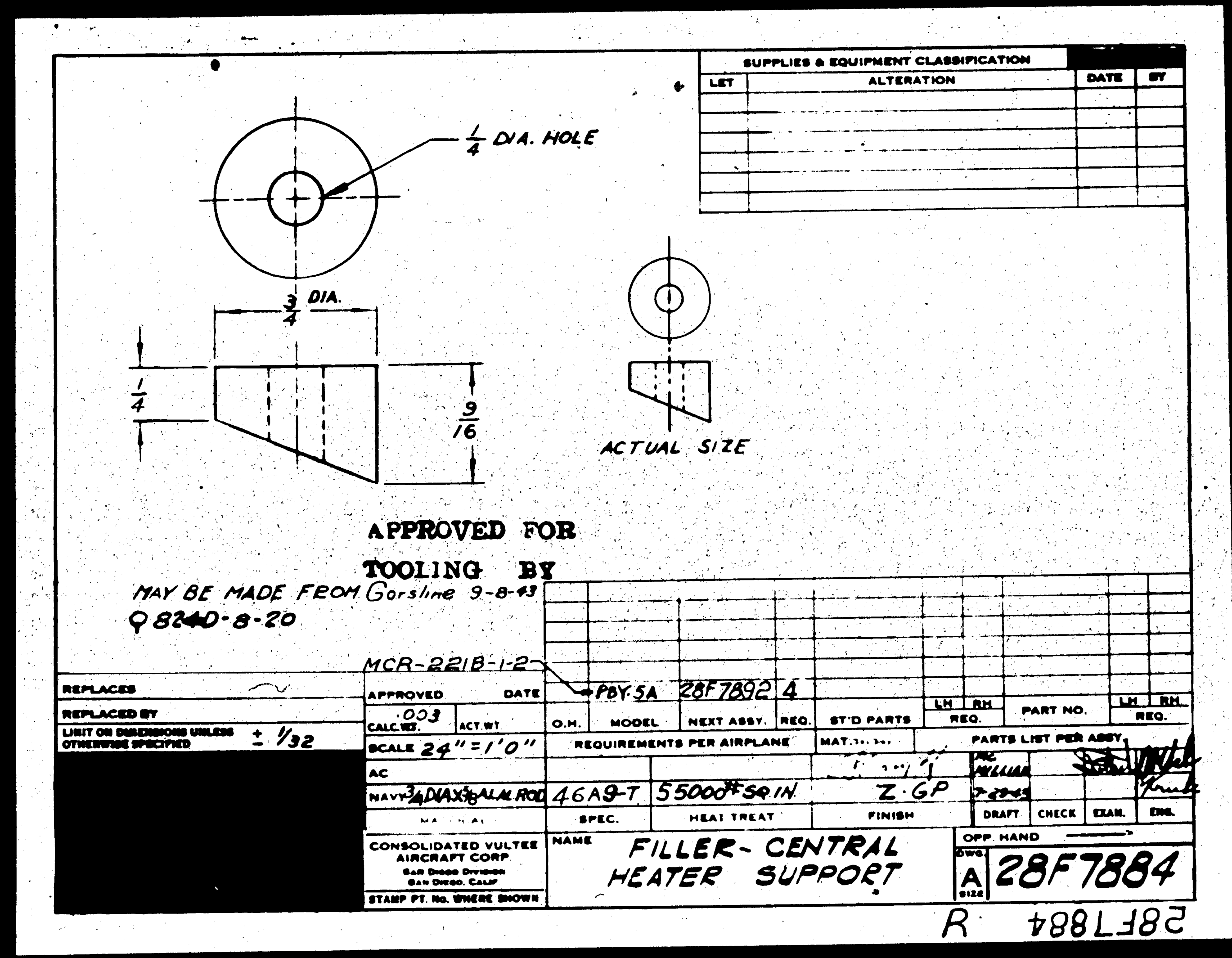
STAMP PT. No. WHERE SHOWN

NAME: CLIP - OXYGEN BOTTLES SUPPORT

OPP. HAND 28F7870-R

DWG. SIZE A — 28F7870

28F7870 R


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1/4 DIA. HOLE
3/4 DIA.
1/4
9/16
ACTUAL SIZE
APPROVED FOR
TOOLING BY
Gorsline 9-8-43
MAY BE MADE FROM
Q 824D-8-20
MCR-221B-1-2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
.003
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
PBY-5A
28F7892
4
SCALE 24" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY 3/4 DIA X 5/8 AL AL ROD
46A9-T
55000# SQ. IN.
Z-GP
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED VULTEE AIRCRAFT CORP.
San Diego Division
San Diego, Calif.
STAMP PT. No. WHERE SHOWN
NAME
FILLER - CENTRAL HEATER SUPPORT
DWG.
A
SIZE
28F7884
R
28F7884

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

2 3/4

3/32 BEND RADII

1

3/8

1 1/16

45°

APPROVED FOR TOOLING BY F Howard 8/17/43

MCR 2218-2-3

	PBY-5A	28F7685	1						
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 & ±1/2°

APPROVED [signature] DATE 8/31/43

CALC. WT. .05 ACT. WT.

SCALE 12" = 1'0"

AC

REQUIREMENTS PER AIRPLANE

MAT.

PARTS LIST PER ASSY.

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY, .064 x 2 1/2 x 4 ALCLAD	QQA362-T	NONE	Z-P-GP

DRAFT	CHECK	EXAM.	ENG.
SHAW 7-27-43	[signature] 8-A-43		[signature]

OPP HAND NONE

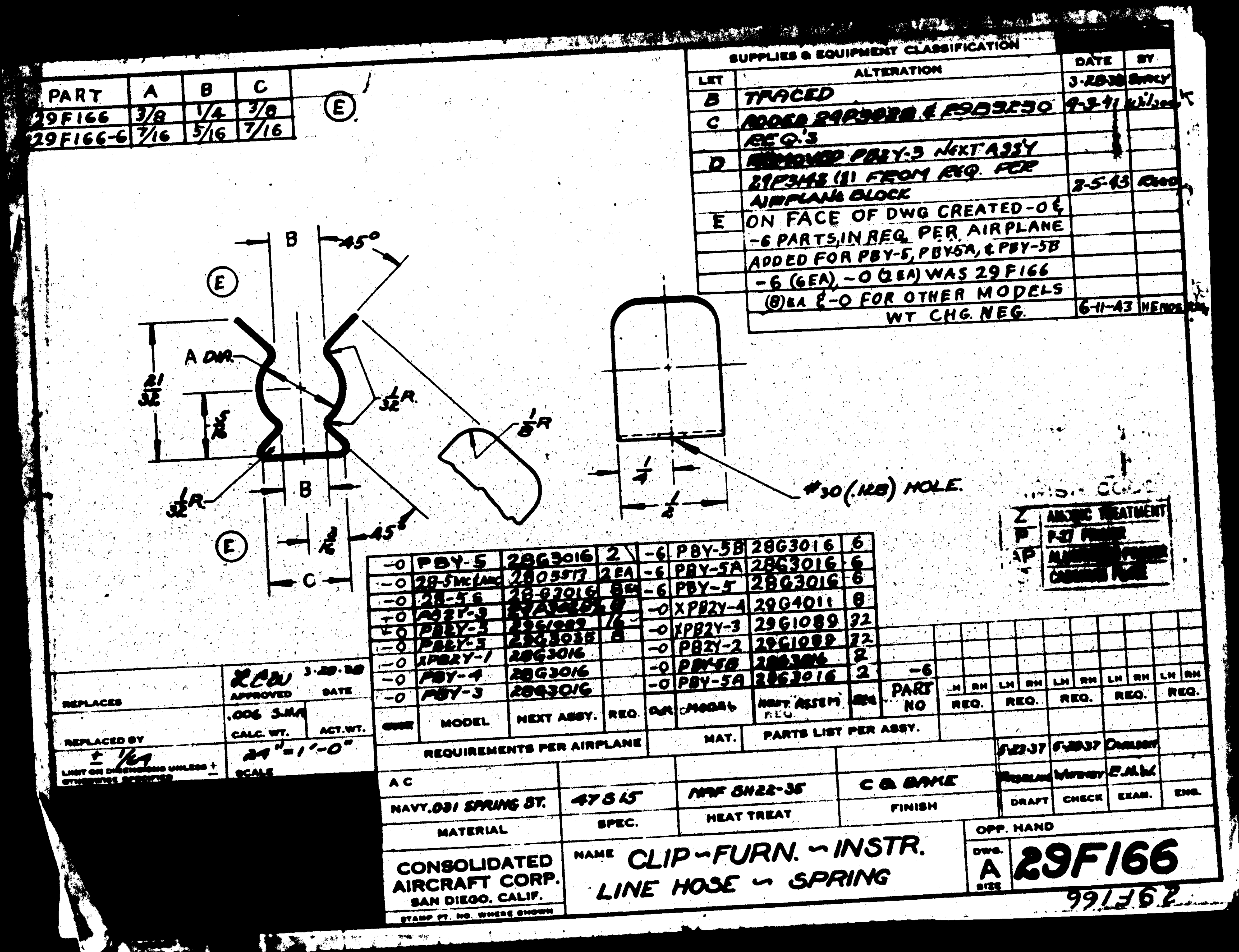
CONSOLIDATED VULTEE AIRCRAFT CORP.
San Diego Division
San Diego, Calif.

STAMP PT. No. WHERE SHOWN

NAME CLIP CENTRAL HEATER SUPPORT

DWG. SIZE A 28F7888

R 9-1-43 28F7888



PART | A | B | C
29F166 | 3/8 | 1/4 | 3/8
29F166-6 | 7/16 | 5/16 | 7/16
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED | 3-28-38
C | REQ'S
D | PBY-3 NEXT ASSY
AIRPLANE BLOCK | 2-5-43
E | ON FACE OF DWG CREATED -0 & -6 PARTS, IN REQ. PER AIRPLANE ADDED FOR PBY-5, PBY-5A, & PBY-5B -6 (6EA), -0 (2EA) WAS 29F166 (8)EA & -0 FOR OTHER MODELS WT CHG. NEG. | 6-11-43 | HENDERSON
B
45°
A DIA.
21/32
5/16
1/32 R.
1/32 R.
1/8 R
45°
3/16
C
1/4
1/2
#30 (.128) HOLE.
ANODIC TREATMENT
-0 | PBY-5 | 28G3016 | 2
-0 | PBY-5A | 28G3016
-0 | XPB2Y-1 | 28G3016
-0 | PBY-4 | 28G3016
-0 | PBY-3 | 28G3016
-6 | PBY-5B | 28G3016 | 6
-6 | PBY-5A | 28G3016 | 6
-6 | PBY-5 | 28G3016 | 6
-0 | XPB2Y-4 | 29G4011 | 8
-0 | XPB2Y-3 | 29G1089 | 32
-0 | PB2Y-2 | 29G1089 | 32
-0 | PBY-5B | 28G3016 | 8
-0 | PBY-5A | 28G3016 | 2
MODEL | NEXT ASSY. | REQ.
PART NO
REQUIREMENTS PER AIRPLANE
MAT. | PARTS LIST PER ASSY.
REPLACES
APPROVED | DATE | 3-28-38
.006 | CALC. WT. | ACT. WT.
REPLACED BY
± 1/64 LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
24" = 1'-0" SCALE
A C
NAVY .031 SPRING ST. | 47S15 | NAF SH22-35 | C & BAKE
MATERIAL | SPEC. | HEAT TREAT | FINISH
5-23-37 | 5-28-37
DRAFT | CHECK | EXAM. | ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME CLIP - FURN. - INSTR. LINE HOSE - SPRING
DWG. SIZE A
29F166

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

THREAD 1/2 I.P.T.

TAP 3/4 I.P.T.

DRILL 9/16 THRU

1

1 15/16

1 1/4 HEX.

#118-167

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5	29F1405	2						
	PB2Y-2	29F1405	2						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010

[redacted]

APPROVED [illegible] 9/17/40 DATE

CALC. WT. [illegible] ACT. WT.

SCALE 12" = 1'-0"

MAT. GF

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY AL. ALLOY BAR	4KA9 Cond T	NONE	Z-D

DRAFT	CHECK	EXAM.	ENG.
Stuart 9-6-40	[illegible]		[illegible]

OPP. HAND

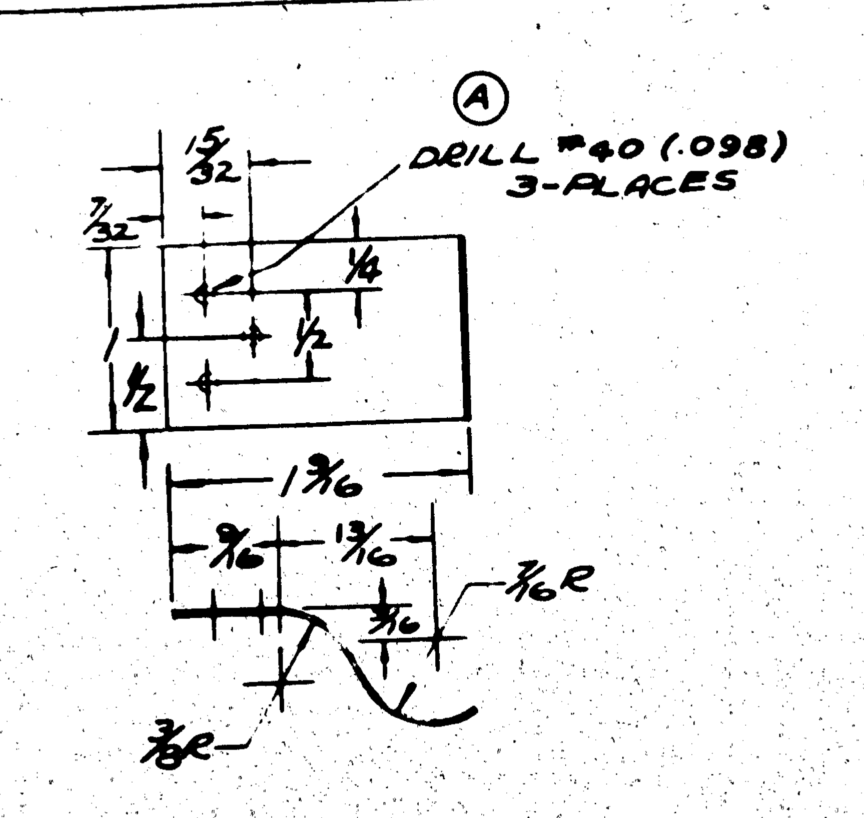
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME ADAPTER - FURN'S - BILGE PUMP HOSE ATTACHMENT

DWG. A SIZE 29F1416

FF



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	NOTE: "DRILL #40 (.098) 3 PLACES" WAS "DRILL 3/32 HOLES 3 PLACES." No WT. CHG.	4-23-42	KESTER

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

MODEL	NEXT ASSY.	REQ.
PBY-5A	28F5203	64
PBY-5	28F5164	64
PB2Y-3	29F2202-2	105
PB2Y-2	29F2202	108

O.H. | ST'D PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED — DATE

CALC. WT. .00784 — ACT. WT

SCALE 12" = 1'-0

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY .014 SPRING STEEL	AN-QQ-666	SPRING TEMPER	C-BAKE-P

DRAFT	CHECK	EXAM.	ENG.
[illegible] 6-11-40	[illegible] 6-11-40		

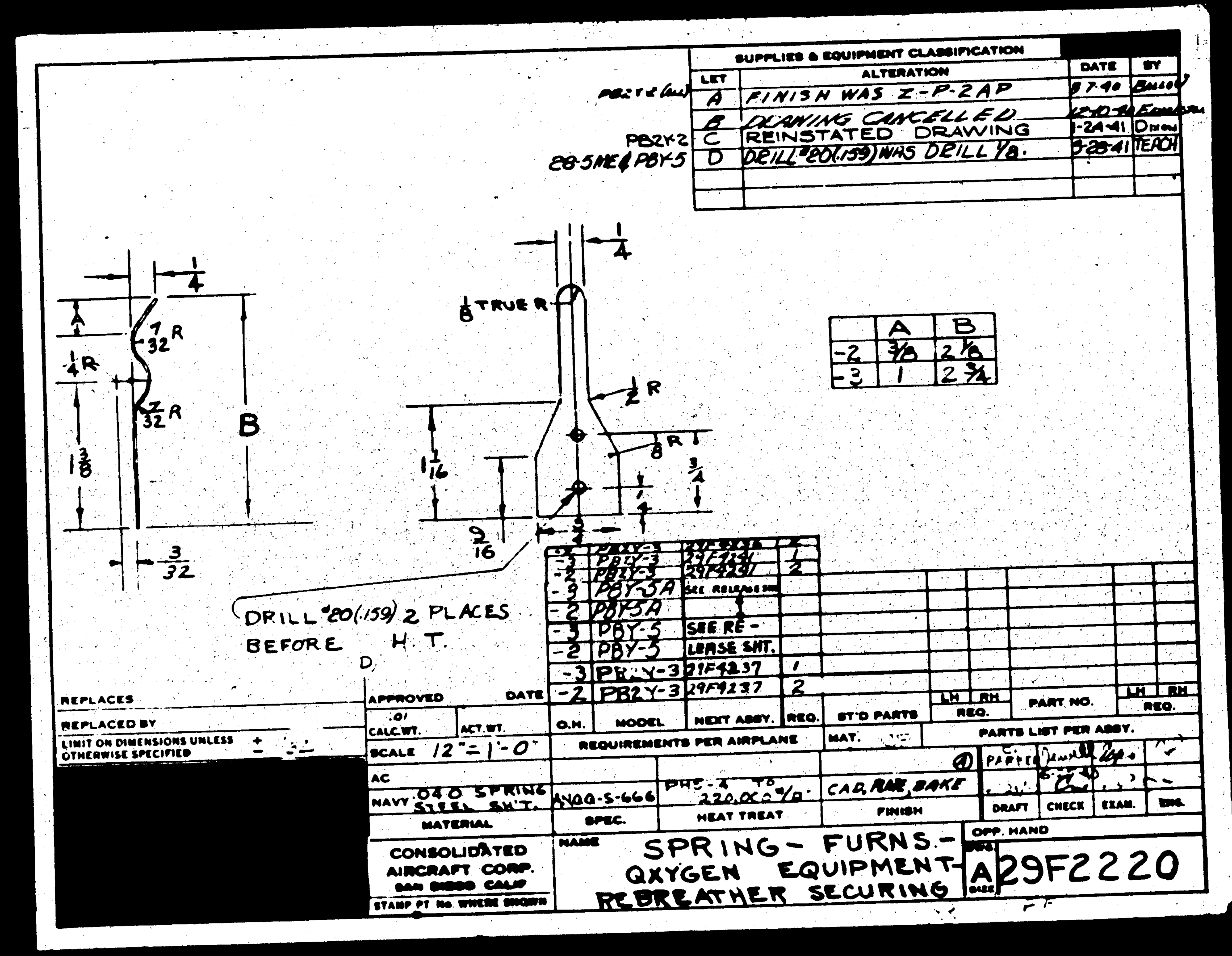
OPP. HAND

CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF

STAMP PT No WHERE SHOWN

NAME SPRING - FURN'S - OXYGEN-CANISTER-STOWAGE

DWG. A 29F2206



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A FINISH WAS Z-P-2AP
B DRAWING CANCELLED
PB2Y-2 C REINSTATED DRAWING 1-24-41
28-5ME & PBY-5 D DRILL #20(.159) WAS DRILL 1/8. 3-28-41
1/4
1/8 TRUE R
1/32 R
1/4 R
7/32 R
B
1 3/8
3/32
1/2 R
1 1/16
1/8 R
3/4
1/4
9/16
A B
-2 3/8 2 1/8
-3 1 2 3/4
DRILL #20(.159) 2 PLACES BEFORE H.T.
-3 PB2Y-3 29F4231 1
-2 PB2Y-3 29F4231 2
-3 PBY-3A SEE RELEASE SHT.
-2 PBY-3A
-3 PBY-5 SEE RE-
-2 PBY-5 LEASE SHT.
-3 PB2Y-3 29F4237 1
-2 PB2Y-3 29F4237 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
CALC. WT. .01
ACT. WT.
SCALE 12" = 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY .040 SPRING STEEL SH'T.
AN-QQ-S-666
PHS-4 TO 220,000#/□
CAD. PLATE, BAKE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.
STAMP PT No. WHERE SHOWN
NAME SPRING - FURNS. - OXYGEN EQUIPMENT - REBREATHER SECURING
SIZE A
29F2220

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	ADDED PBY-5 & PBY-5A IN REQ/AIRPLANE BLOCK, NO WT. CHG.	8-22-42	CHANG
B	REVISED REQ/AIRP. BLK. NO WT. CHG.	7-14-43	

E.O. #A53790

MCR 237E RTM

2 1/2

5/8

*10 (.193) HOLE

*18 (.169) 2 HOLES

1/4

1

1 1/4

RUSH RELEASED 4-3-42

C.88476 #53 TO MCR 237E

C.91876 #91 TO MCR 237E

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5A	28F6639	2						
	PBY-5	28F6639	2						
	XPB2Y-3	29F6415	2						
	PB2Y-3	29F6415	2						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED: Grondona — DATE 4-28-42

CALC. WT. .02 — ACT. WT.

SCALE 12" = 1'-0"

MAT. JRM

AC

NAVY .051 X 5/8 X 2 1/2 CHROM-MOLY STEEL

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
.051 X 5/8 X 2 1/2 CHROM-MOLY STEEL	47S14	90,000 TO 125,000	NONE	1-3-41 GARCIA	FINCHAM OTTO 2-10-42	3/4/42	JCH

OPP. HAND NONE

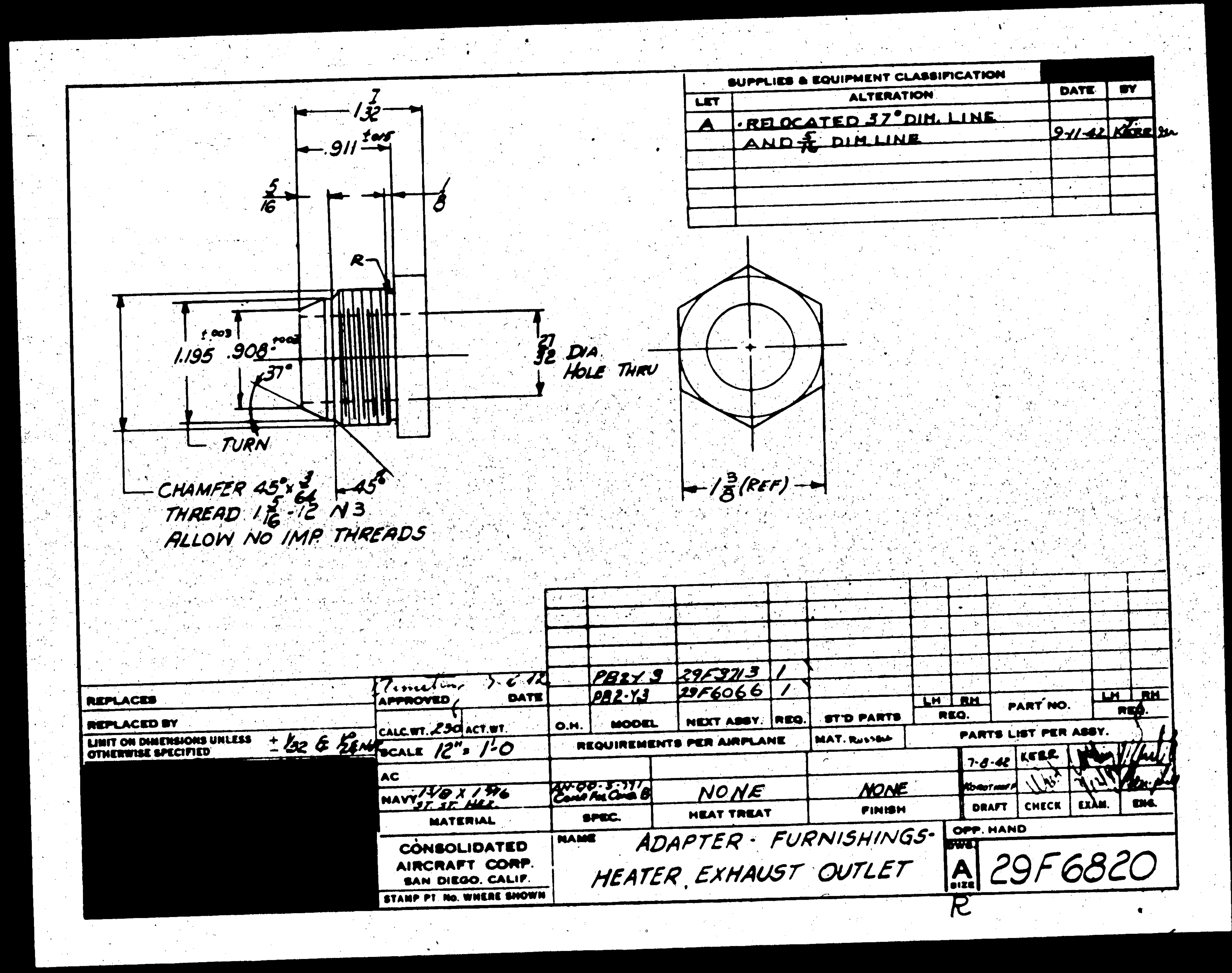
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

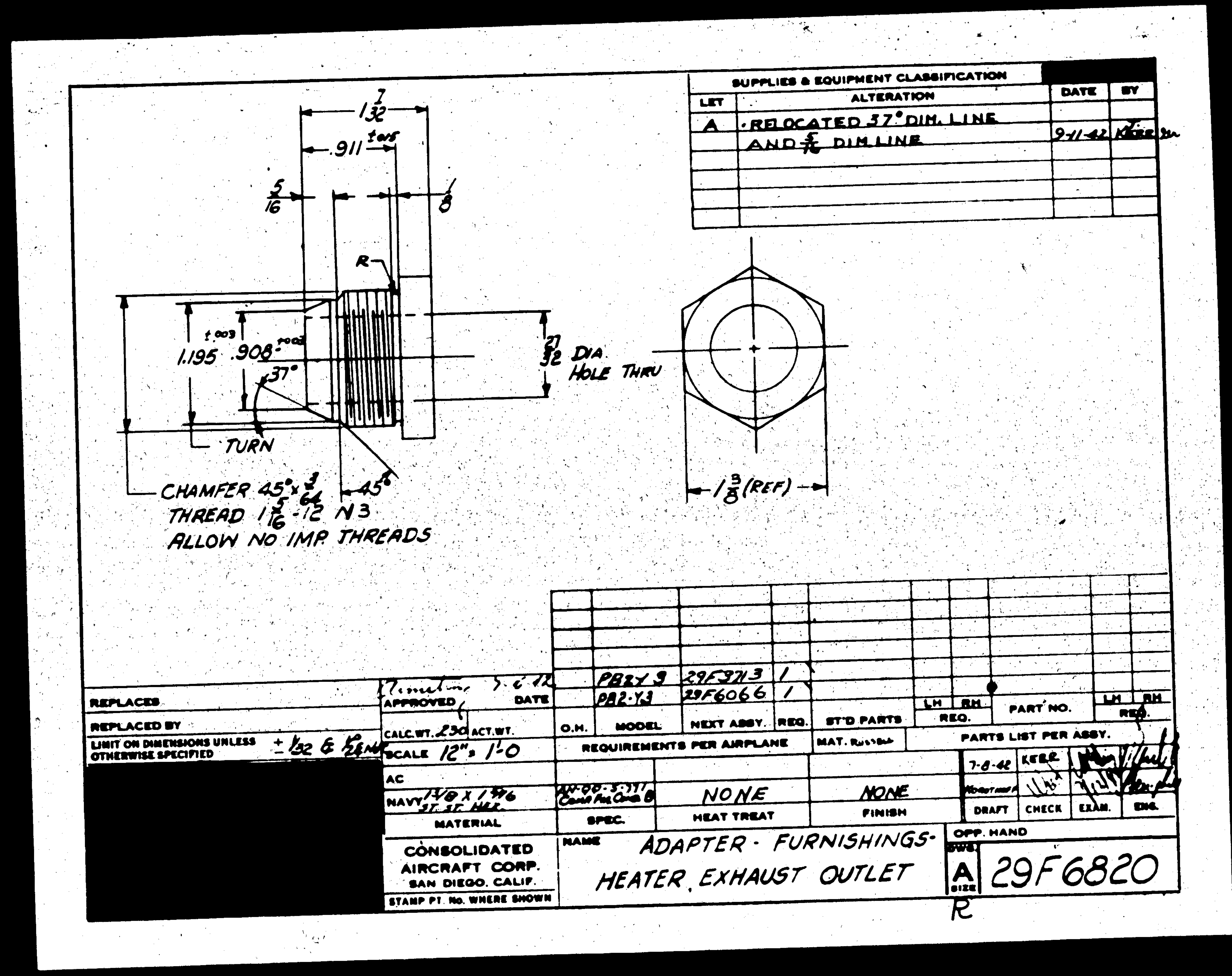
NAME: SPACER-FURN'S-ZA GLIDE PATH ANT. INSUL.

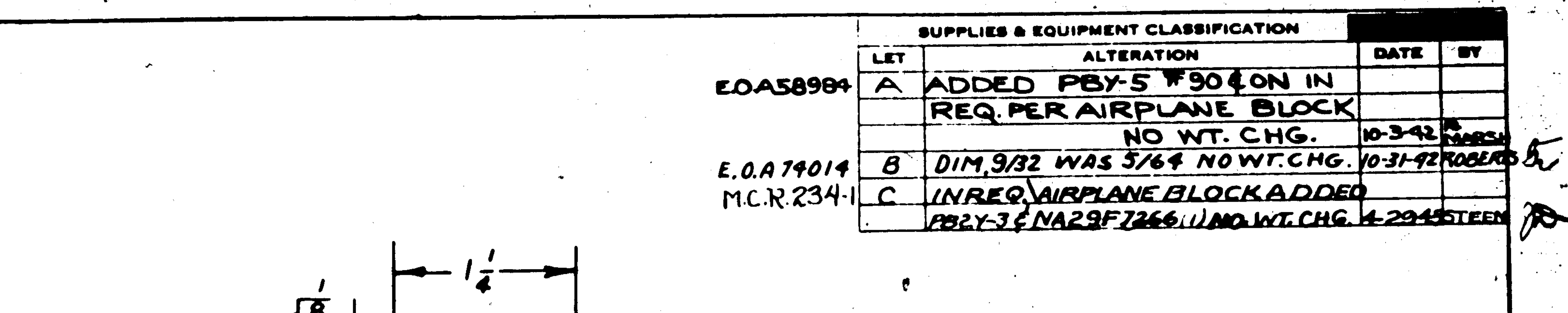
SIZE A — DWG. 29F6447

R



SUPPLIES & EQUIPMENT CLASSIFICATION
[redacted]
LET
ALTERATION
DATE
BY
A
RELOCATED 37° DIM. LINE AND 5/16 DIM LINE
9-11-42
1 7/32
.911
5/16
1/8
R
1.195
.908
37°
27/32 DIA HOLE THRU
TURN
CHAMFER 45° x 3/64
45°
THREAD 1 5/16 - 12 N3
ALLOW NO IMP THREADS
1 3/8 (REF)
PB2Y-3
29F3713
1
PB2-Y3
29F6066
1
REPLACES
APPROVED
DATE
REPLACED BY
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
CALC.WT. 230
ACT.WT.
SCALE 12" = 1'-0
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
[redacted]
AC
NAVY
MATERIAL
SPEC.
NONE
HEAT TREAT
NONE
FINISH
7-8-42
KERR
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO. CALIF.
STAMP PT. No. WHERE SHOWN
NAME
ADAPTER - FURNISHINGS - HEATER, EXHAUST OUTLET
DWG.
A
SIZE
29F6820
R


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
RELOCATED 37° DIM. LINE AND 5/16 DIM LINE
9-11-42
KERR
1 7/32
.911 ±.005
5/16
1/8
R
1.195
.908 ±.003 −.002
37°
TURN
27/32 DIA HOLE THRU
45°
1 3/8 (REF)
CHAMFER 45° x 3/64
THREAD 1 5/16 -12 N3
ALLOW NO IMP. THREADS
PB2Y-3
29F3713
1
PB2-Y3
29F6066
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32 & ± 1/2°
APPROVED
DATE
7-6-42
CALC. WT. .230
ACT. WT.
SCALE 12" = 1'-0
AC
NAVY 1 1/8 X 1 3/16 ST. ST. HEX
MATERIAL
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
7-8-42
KERR
AN-QQ-S-771 Cond. F or Cond. B
SPEC.
NONE
HEAT TREAT
NONE
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
ADAPTER - FURNISHINGS - HEATER, EXHAUST OUTLET
DWG.
A
SIZE
29F6820
R



SUPPLIES & EQUIPMENT CLASSIFICATION		[redacted]		
	LET	ALTERATION	DATE	BY
EOA58984	A	ADDED PBY-5 #90 ¢ ON IN		
		REQ. PER AIRPLANE BLOCK		
		NO WT. CHG.	10-3-42	MARSH
E.O.A74014	B	DIM. 9/32 WAS 5/64 NO WT. CHG.	10-31-42	ROBERTS
M.C.R.234-1	C	INREQ. AIRPLANE BLOCK ADDED		
		PB2Y-3 & NA29F7266 (1) NO WT. CHG.	4-29-45	STEEN

PURCHASE TO DWG.

NOTE! 1/16 x 1 1/8 x 1 3/8 COMMERCIAL GRADE RED FIBRE AT VENDORS DISCRETION. BOTH SIDES COATED AFTER SCREENING OR LITHO. WITH ANDREWS BROWN CO. #L-60 WATER-PROOF SEALER OR EQUIV.

MCR 234-1

O.H.	MODEL	NEXT ASSY	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PB2Y-3	29F7266	1						
	PBY-5	28F6948	1						
	PB2Y3	29F6918	1						

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32 ¢ NOTED
[redacted]	

APPROVED	DATE		
CALC. WT.	ACT. WT. .01	REQUIREMENTS PER AIRPLANE	MAT.
SCALE 12" = 1'-0"			PARTS LIST PER ASSY.
AC			
NAVY NOTED	NOTED	NONE	NOTED
MATERIAL	SPEC.	HEAT TREAT	FINISH

DRAFT	CHECK	EXAM.	ENG.
[illegible]	[illegible]	[illegible]	[illegible]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

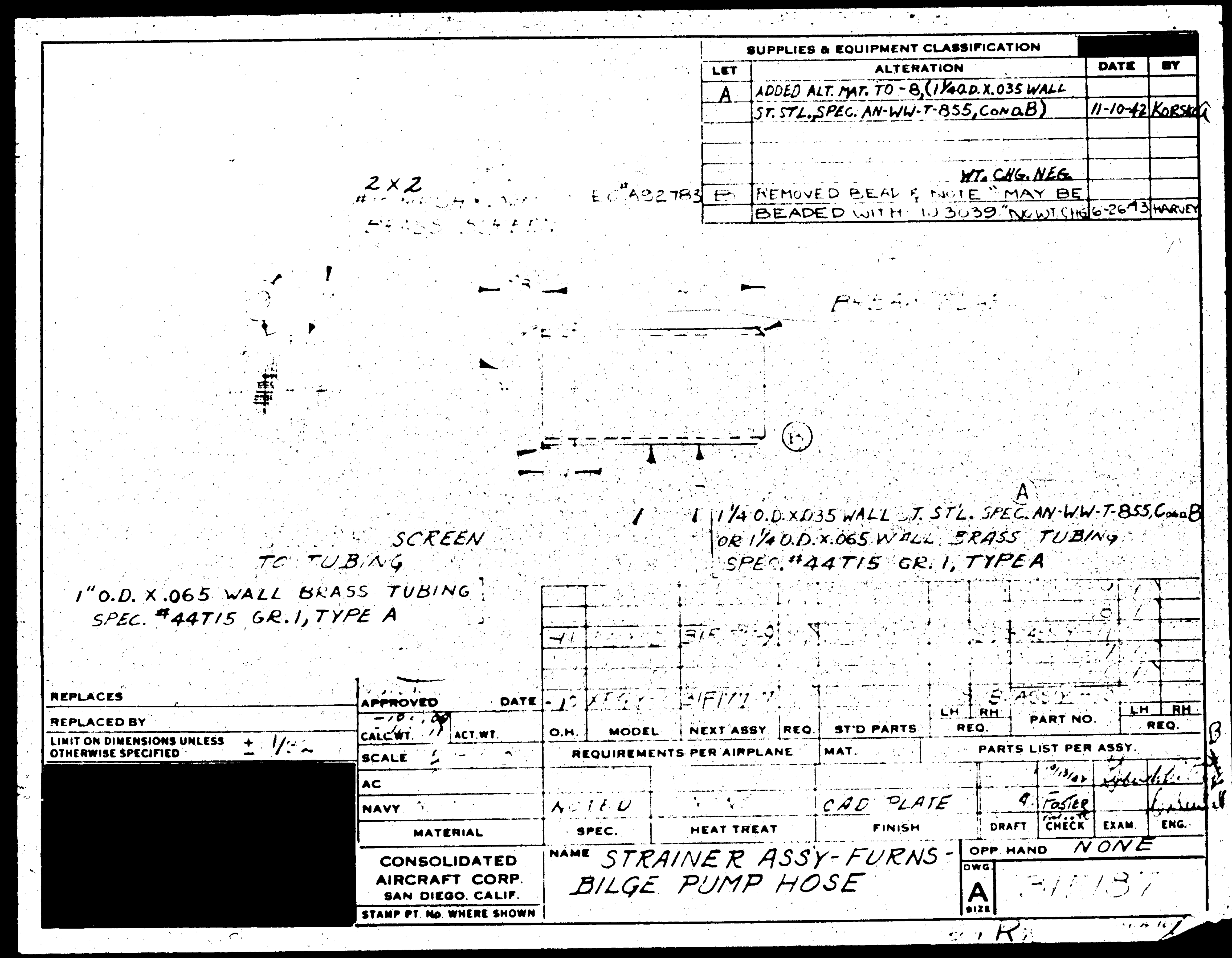
STAMP PT No. WHERE SHOWN

NAME NAMEPLATE-FURNS-PILOTS' IFF CONTROL SW.

OPP HAND

DWG SIZE A 29F6920

R


SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]
LET | ALTERATION | DATE | BY
A | ADDED ALT. MAT. TO -8, (1 1/4 O.D. X .035 WALL ST. STL., SPEC. AN-WW-T-855, COND B) | 11-10-42 | KORSKA
WT. CHG. NEG.
B | REMOVED BEAD & NOTE "MAY BE BEADED WITH 1J3039." NO WT. CHG. | 6-26-43 | HARVEY
2 X 2
SCREEN
TO TUBING
1" O.D. X .065 WALL BRASS TUBING
SPEC. #44T15 GR. 1, TYPE A
A
1 1/4 O.D. X .035 WALL ST. STL. SPEC. AN-WW-T-855, COND B
OR 1 1/4 O.D. X .065 WALL BRASS TUBING
SPEC. #44T15 GR. 1, TYPE A
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
APPROVED
DATE
CALC. WT.
ACT. WT.
SCALE
AC
NAVY
MATERIAL
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NOTED
CAD PLATE
SPEC.
HEAT TREAT
FINISH
FOSTER
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME STRAINER ASSY - FURNS - BILGE PUMP HOSE
OPP. HAND NONE
DWG.
A
SIZE
B

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

1.312
+.000
-.005

148

A B C

BREAK CORNERS

1/64 ... MAX

#37

REPLACES	APPROVED	DATE
REPLACED BY	CALC. WT.	ACT. WT
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64	SCALE	

[redacted]

O.H. MODEL NEXT ASSY REQ ST'D PARTS LH RH REQ. PART NO. LH RH REQ.

REQUIREMENTS PER AIRPLANE

PARTS LIST PER ASSY.

MAT.

AC

NAVY 1 1/2 DIA x 2 5/8 AL. ALLOY — MATERIAL

46A9-T — SPEC.

NONE — HEAT TREAT

ANODIZE — FINISH

DRAFT CHECK EXAM ENG.

OPP HAND

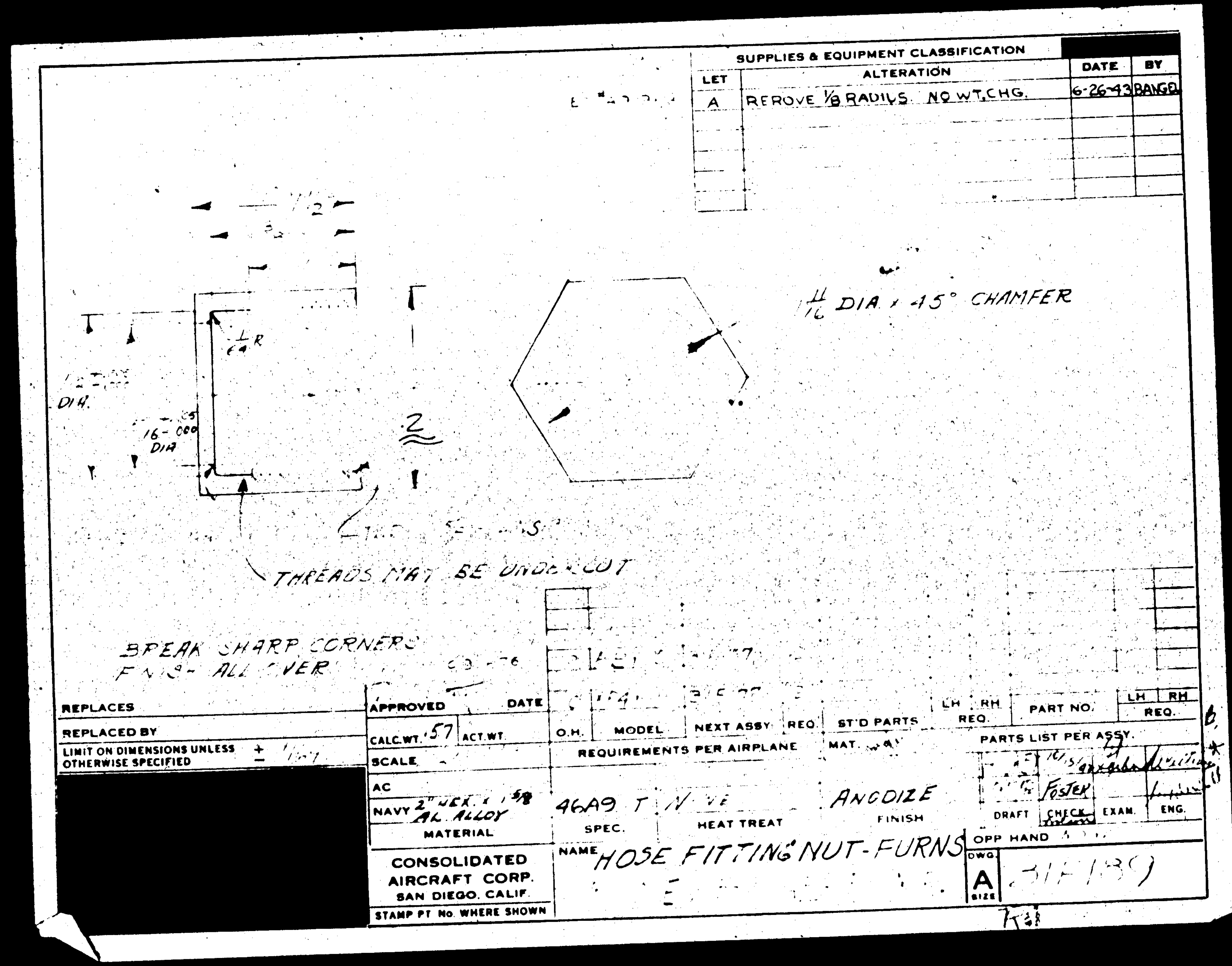
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

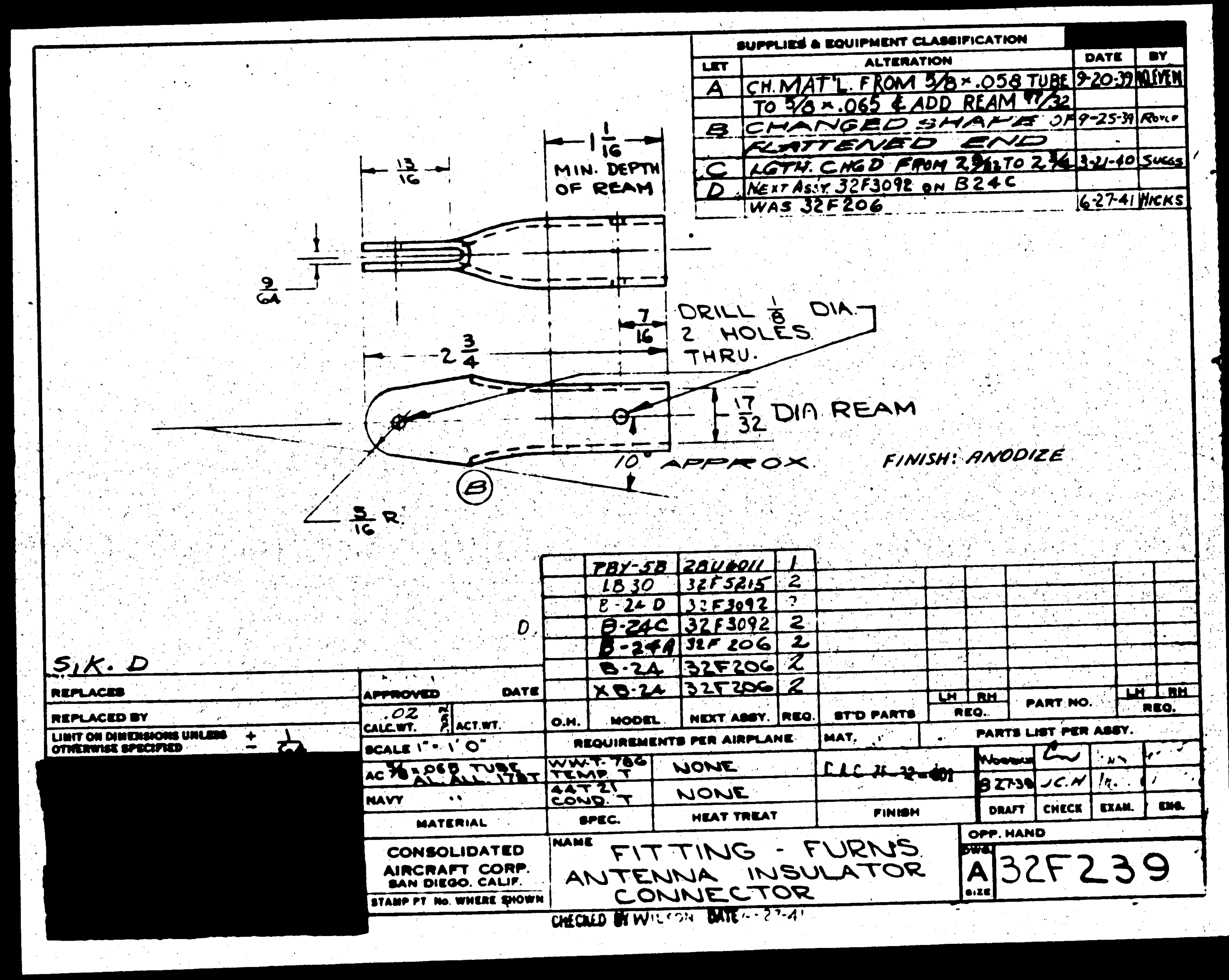
STAMP PT No. WHERE SHOWN

NAME HOSE FITTING-FURNS

ROMEC

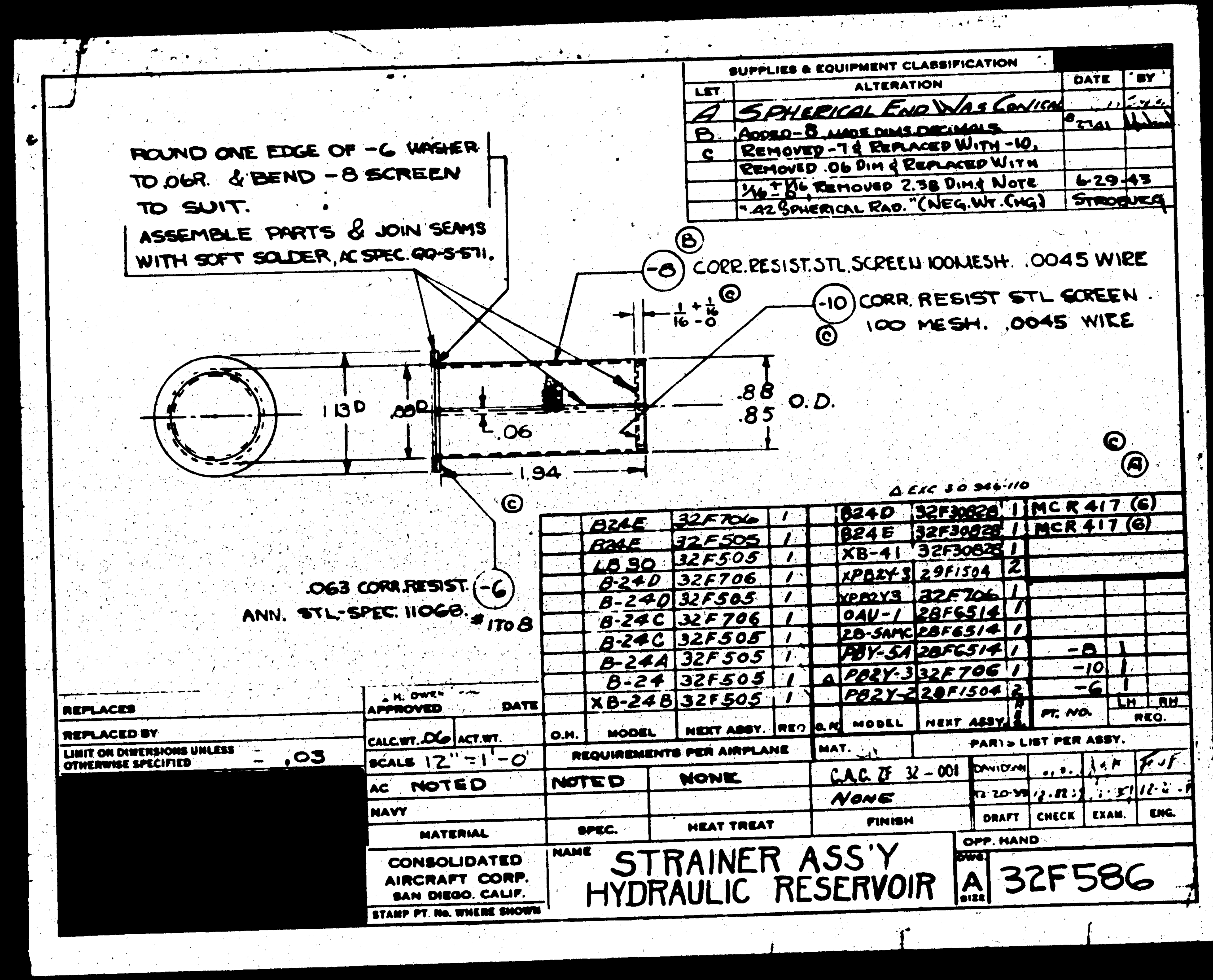
DWG A SIZE

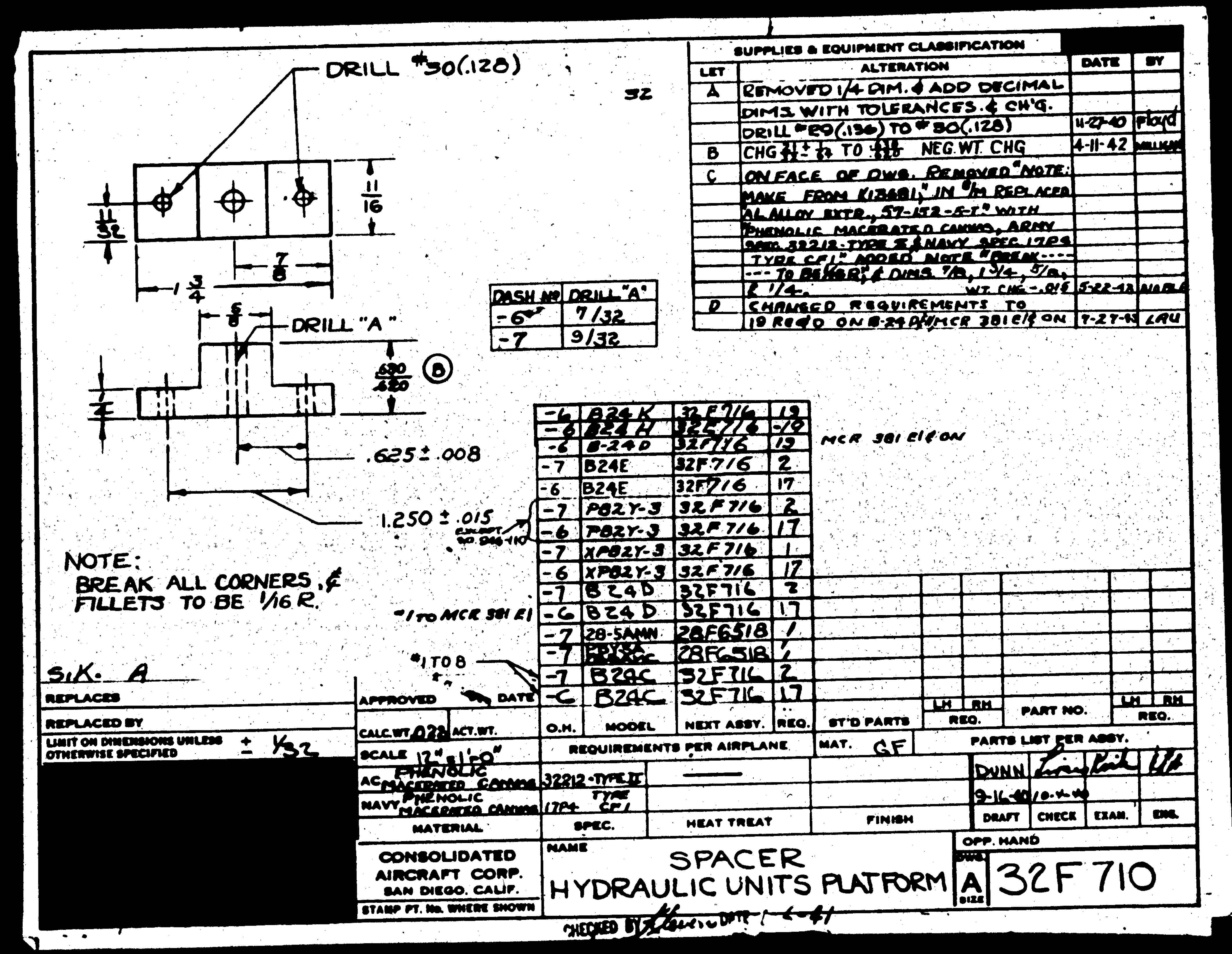

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
REROVE 1/8 RADIUS. NO WT.CHG.
6-26-43
1/2
1/64 R
DIA.
16-000
DIA
2
11/16 DIA. x 45° CHAMFER
THREADS MAY BE UNDERCUT
BREAK SHARP CORNERS
FINISH ALL OVER
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
CALC.WT. .57
ACT.WT.
SCALE
AC
NAVY 2" HEX. x 1 5/8 AL. ALLOY
MATERIAL
O.H.
MODEL
NEXT ASSY
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
46A9
SPEC.
HEAT TREAT
ANODIZE
FINISH
FOSTER
DRAFT
CHECK
EXAM.
ENG.
OPP HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO. CALIF.
STAMP PT No. WHERE SHOWN
NAME HOSE FITTING NUT-FURNS
DWG.
A
SIZE
31F189



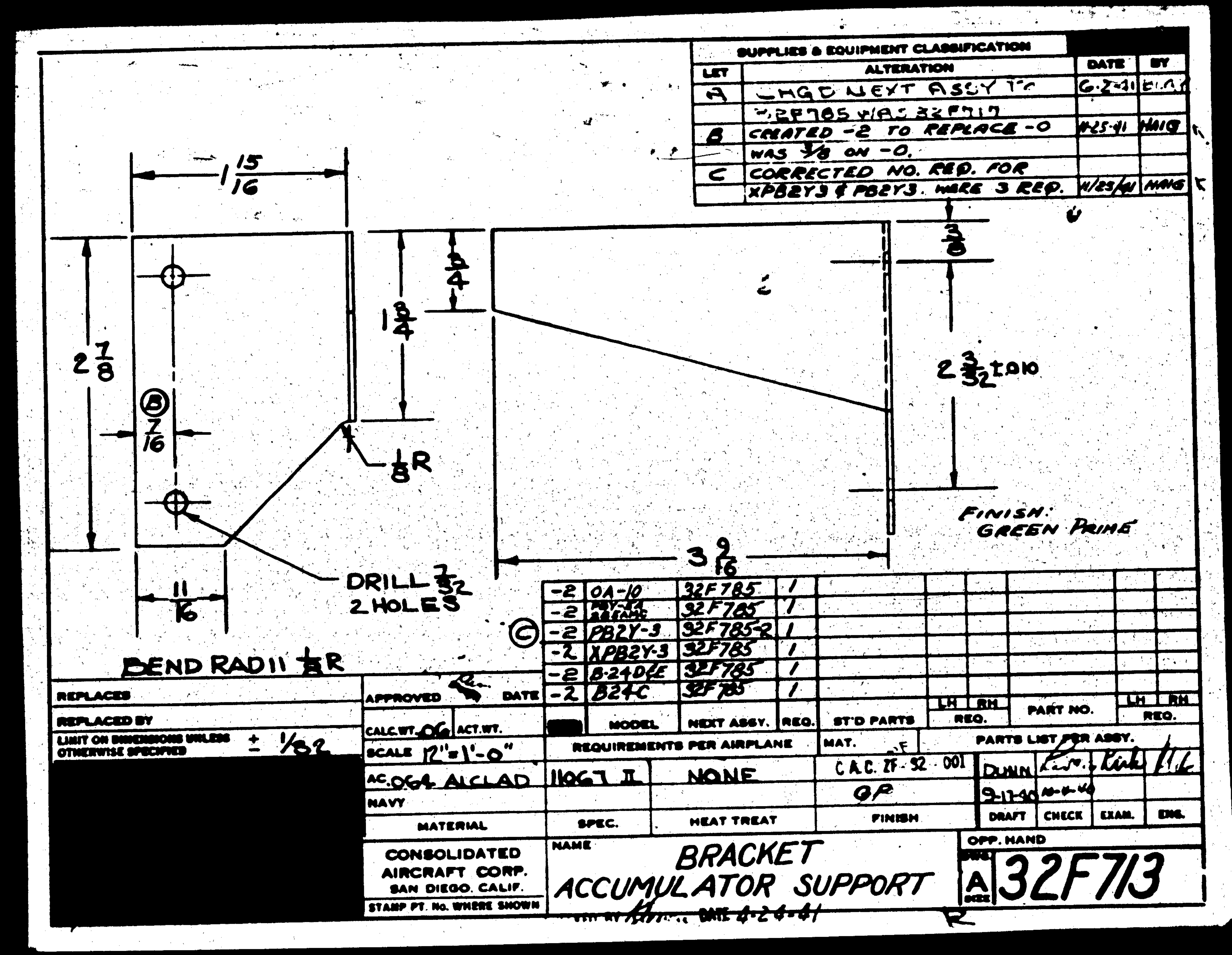
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A CH. MAT'L. FROM 5/8 × .058 TUBE TO 5/8 × .065 & ADD REAM 17/32
9-20-39
B CHANGED SHAPE OF FLATTENED END
9-25-39
C LGTH. CHGD FROM 2 9/32 TO 2 3/4
3-21-40
D NEXT ASSY. 32F3092 ON B24C WAS 32F206
6-27-41
HICKS
1 1/16
MIN. DEPTH OF REAM
13/16
9/64
7/16
DRILL 1/8 DIA. 2 HOLES THRU.
2 3/4
17/32 DIA REAM
10° APPROX.
FINISH: ANODIZE
B
5/16 R.
PBY-5B
28U6011
1
LB 30
32F5215
2
B-24D
32F3092
B-24C
32F3092
2
B-24A
32F206
2
B-24
32F206
2
XB-24
32F206
2
D.
S.K. D
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
.02
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 1" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC 5/8 × .058 TUBE AL ALL 17ST
WW-T-786 TEMP. T
NONE
NAVY
44T21 COND. T
NONE
3-27-39
J.C.H.
DRAFT
CHECK
EXAM.
ENG.
MATERIAL
SPEC.
HEAT TREAT
FINISH
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
FITTING - FURNS. ANTENNA INSULATOR CONNECTOR
DWG. SIZE
A
32F239
CHECKED BY WILSON

[redacted]

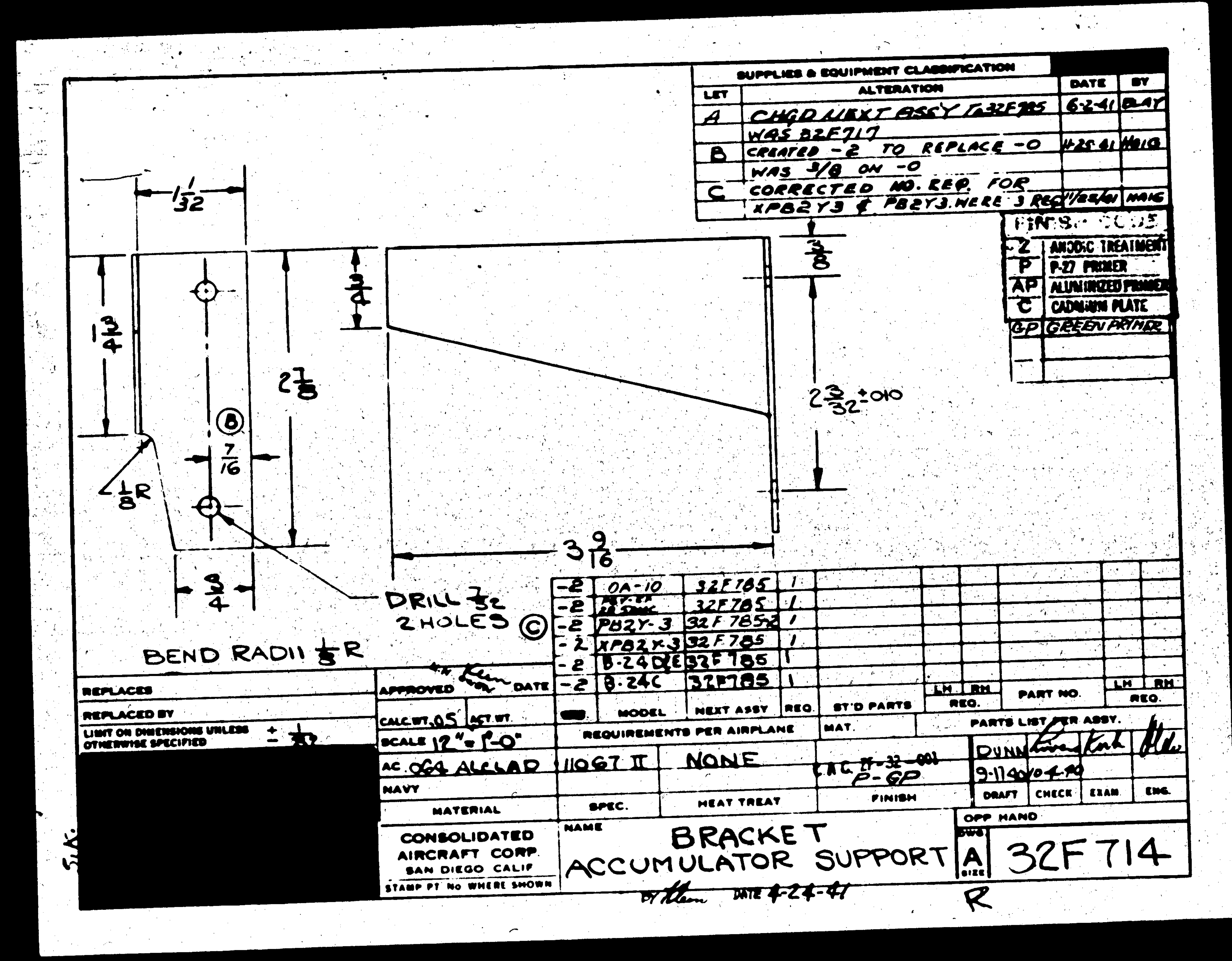

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A SPHERICAL END WAS CONICAL
B ADDED -8 MADE DIMS DECIMALS
C REMOVED -7 & REPLACED WITH -10, REMOVED .06 DIM & REPLACED WITH 1/16 +1/16 -0, REMOVED 2.38 DIM & NOTE ".42 SPHERICAL RAD." (NEG. WT. CHG)
6-29-43
STROBURG
ROUND ONE EDGE OF -6 WASHER TO .06R. & BEND -8 SCREEN TO SUIT.
ASSEMBLE PARTS & JOIN SEAMS WITH SOFT SOLDER, AC SPEC. QQ-S-571.
-8 CORR. RESIST. STL. SCREEN 100 MESH. .0045 WIRE
-10 CORR. RESIST STL SCREEN 100 MESH. .0045 WIRE
1/16 +1/16 -0
1.13 D
.88 D
.06
.88 .85 O.D.
1.94
.063 CORR. RESIST. ANN. STL.-SPEC. 11068. #1 TO 8
-6
Δ EXC 3.0.946-110
B24E 32F706 1
B24E 32F505 1
B24E 32F505 1
LB30 32F505 1
B-24D 32F706 1
B-24D 32F505 1
B-24C 32F706 1
B-24C 32F505 1
B-24A 32F505 1
B-24 32F505 1
XB-24B 32F505 1
B24D 32F30828 1 MCR 417 (6)
B24E 32F30828 1 MCR 417 (6)
XB-41 32F30828 1
XPB2Y-3 29F1504 2
XPB2Y3 32F706 1
OA4-1 28F6514 1
28-5AMC 28F6514 1
PBY-5A 28F6514 1
PB2Y-3 32F706 1
PB2Y-2 29F1504 2
-8 1
-10 1
-6 1
O.H.
MODEL
NEXT ASSY.
REQ.
PT. NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .03
APPROVED
DATE
CALC. WT. .06
ACT. WT.
SCALE 12" = 1'-0"
AC NOTED
NOTED
NONE
C.A.C. 2F 32-001
NONE
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
STRAINER ASS'Y HYDRAULIC RESERVOIR
A SIZE
DWG.
32F586



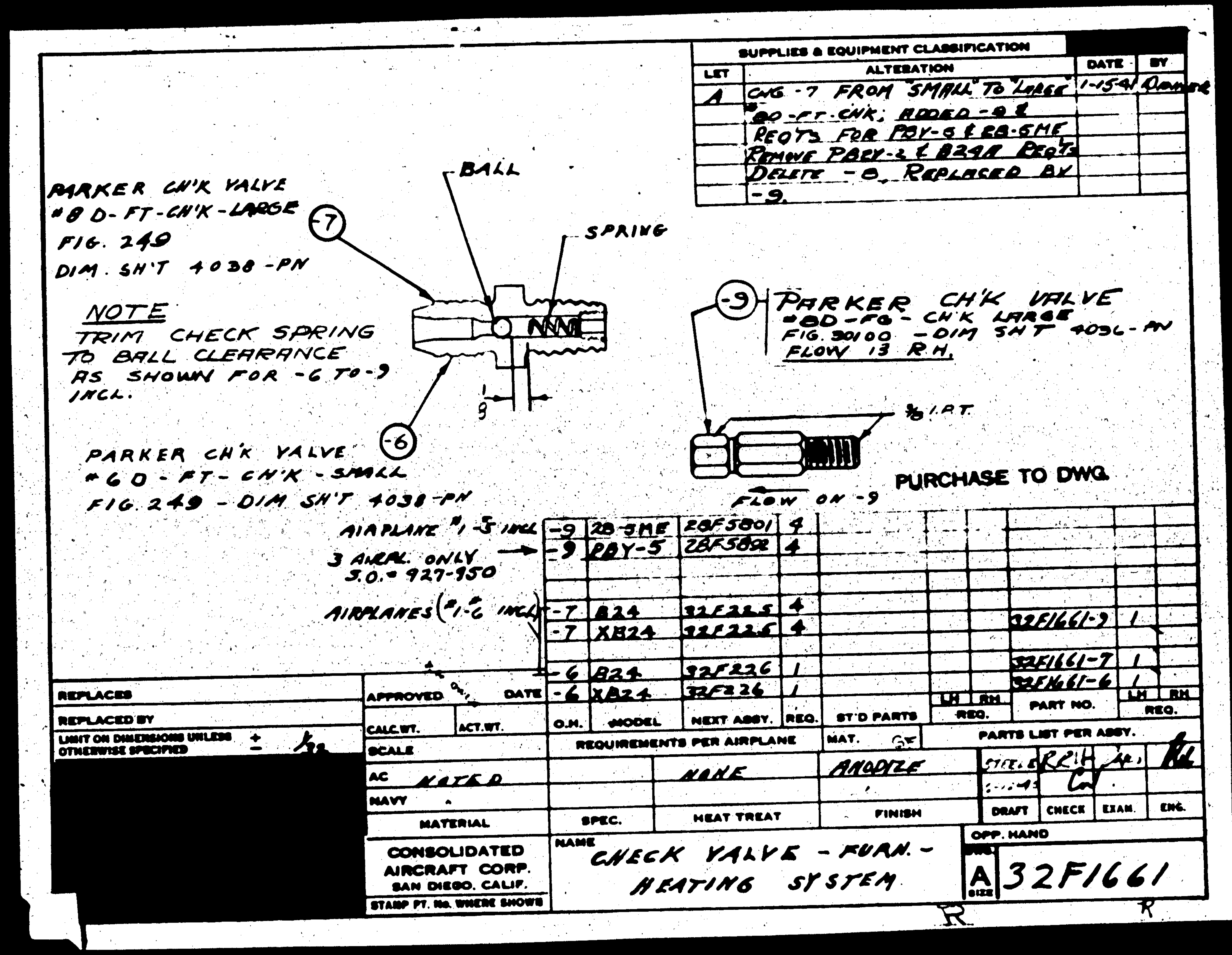
DRILL #30(.128)
32
11/32
11/16
7/8
1 3/4
5/8
DRILL "A"
.690/.620
B
.625 ± .008
1.250 ± .015
DASH NO
DRILL "A"
-6
7/32
-7
9/32
NOTE:
BREAK ALL CORNERS & FILLETS TO BE 1/16 R.
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
REMOVED 1/4 DIM. & ADD DECIMAL
DIMS. WITH TOLERANCES. & CH'G.
DRILL #29(.136) TO #30(.128)
11-27-40
B
NEG. WT. CHG
4-11-42
C
ON FACE OF DWG. REMOVED "NOTE:
MAKE FROM K13881," IN "M REPLACED
AL ALLOY EXTR., 57-152-5-T" WITH
"PHENOLIC MACERATED CANVAS, ARMY
SPEC. 32212-TYPE II & NAVY SPEC. 17P4
TYPE CF1." ADDED NOTE "BREAK----
--- TO BE 1/16 R." & DIMS. 7/8, 1 3/4, 5/8,
& 1/4.
WT. CHG -.016
D
CHANGED REQUIREMENTS TO
19 REQ'D ON B-24 D/H MCR 381 E1 & ON
MCR 381 E1 & ON
*1 TO MCR 381 E1
*1 TO 8
-6 B24K 32F716 19
-6 B24H 32F716 19
-6 B-24D 32F716 19
-7 B24E 32F716 2
-6 B24E 32F716 17
-7 PB2Y-3 32F716 2
-6 PB2Y-3 32F716 17
-7 XPB2Y-3 32F716 1
-6 XPB2Y-3 32F716 17
-7 B24D 32F716 2
-6 B24D 32F716 17
-7 28-5AMN 28F6518 1
-7 28F6518 1
-7 B24C 32F716 2
-6 B24C 32F716 17
S.K. A
REPLACES
REPLACED BY
APPROVED
DATE
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
CALC. WT. .022
ACT. WT.
REQUIREMENTS PER AIRPLANE
MAT. GF
PARTS LIST PER ASSY.
SCALE 12" = 1'-0"
AC PHENOLIC MACERATED CANVAS 32212-TYPE II
NAVY PHENOLIC MACERATED CANVAS 17P4 TYPE CF1
MATERIAL
SPEC.
HEAT TREAT
FINISH
DUNN
9-16-40
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
SPACER
HYDRAULIC UNITS PLATFORM
DWG. SIZE A
32F710
CHECKED BY
DATE



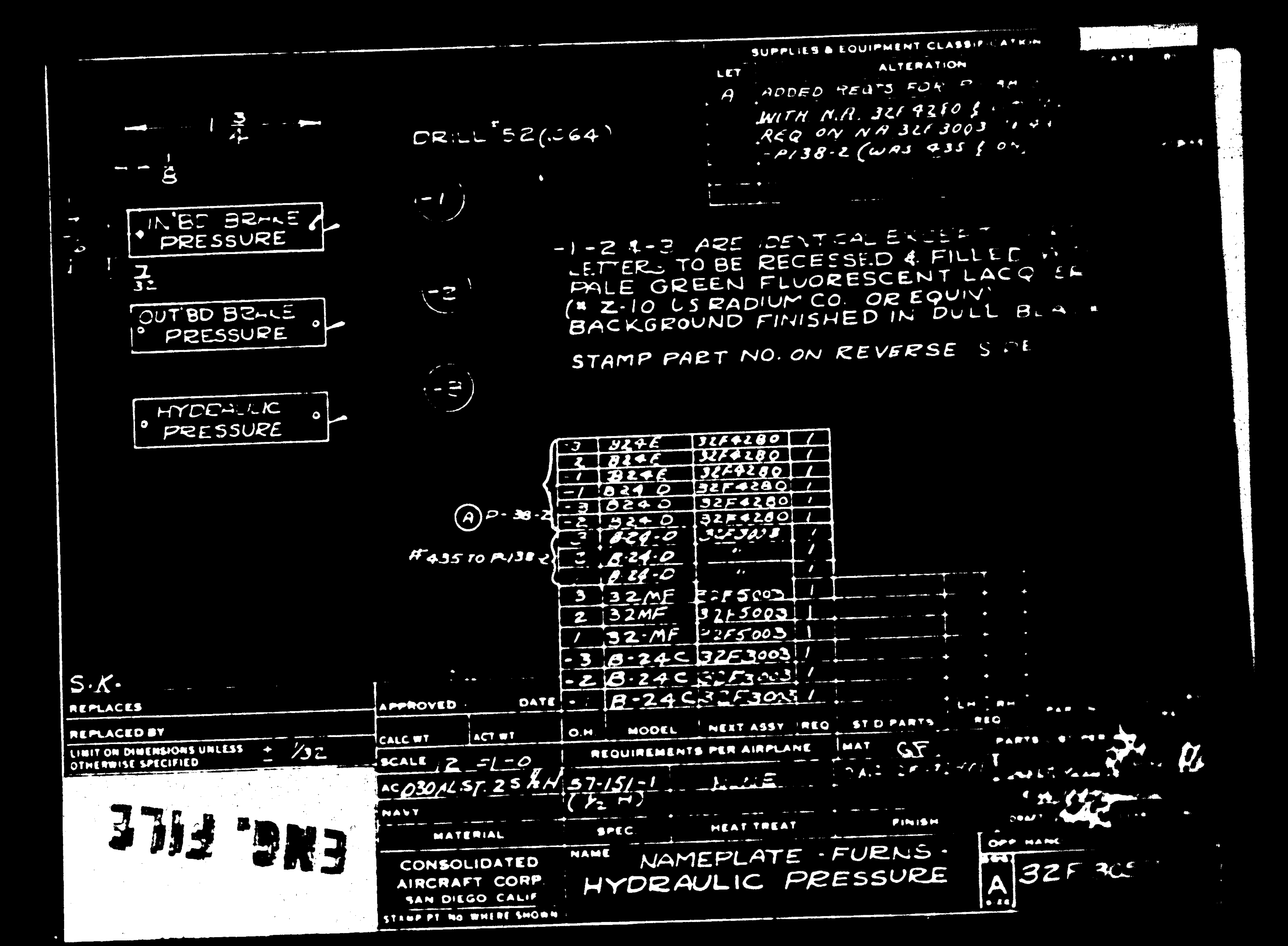
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A CHGD NEXT ASSY TO 32F785 WAS 32F717 6-2-41
B CREATED -2 TO REPLACE -0 WAS 3/8 ON -0. 11-25-41 HAIG
C CORRECTED NO. REQ. FOR XPB2Y3 & PB2Y3. WERE 3 REQ. 11/23/41 HAIG
1 15/16
2 7/8
3/4
1 3/4
3/8
2 3/32 ±.010
Ⓑ 7/16
1/8 R
DRILL 7/32 2 HOLES
11/16
3 9/16
FINISH: GREEN PRIME
BEND RADII 1/8 R
Ⓒ
-2 OA-10 32F785 1
-2 P5Y-2A 28-5AMC 32F785 1
-2 PB2Y-3 32F785-2 1
-2 XPB2Y-3 32F785 1
-2 B-24D&E 32F785 1
-2 B24C 32F785 1
MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE
PARTS LIST FOR ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED DATE
CALC. WT. .06 ACT. WT.
SCALE 12"=1'-0"
MAT.
AC .064 ALCLAD 11067 II NONE C.A.C. 2F-52-001
NAVY
GP
MATERIAL SPEC. HEAT TREAT FINISH
DUNN
9-12-40 10-4-40
DRAFT CHECK EXAM. ENG.
OPP. HAND
[redacted]
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME BRACKET ACCUMULATOR SUPPORT
A SIZE
32F713
R



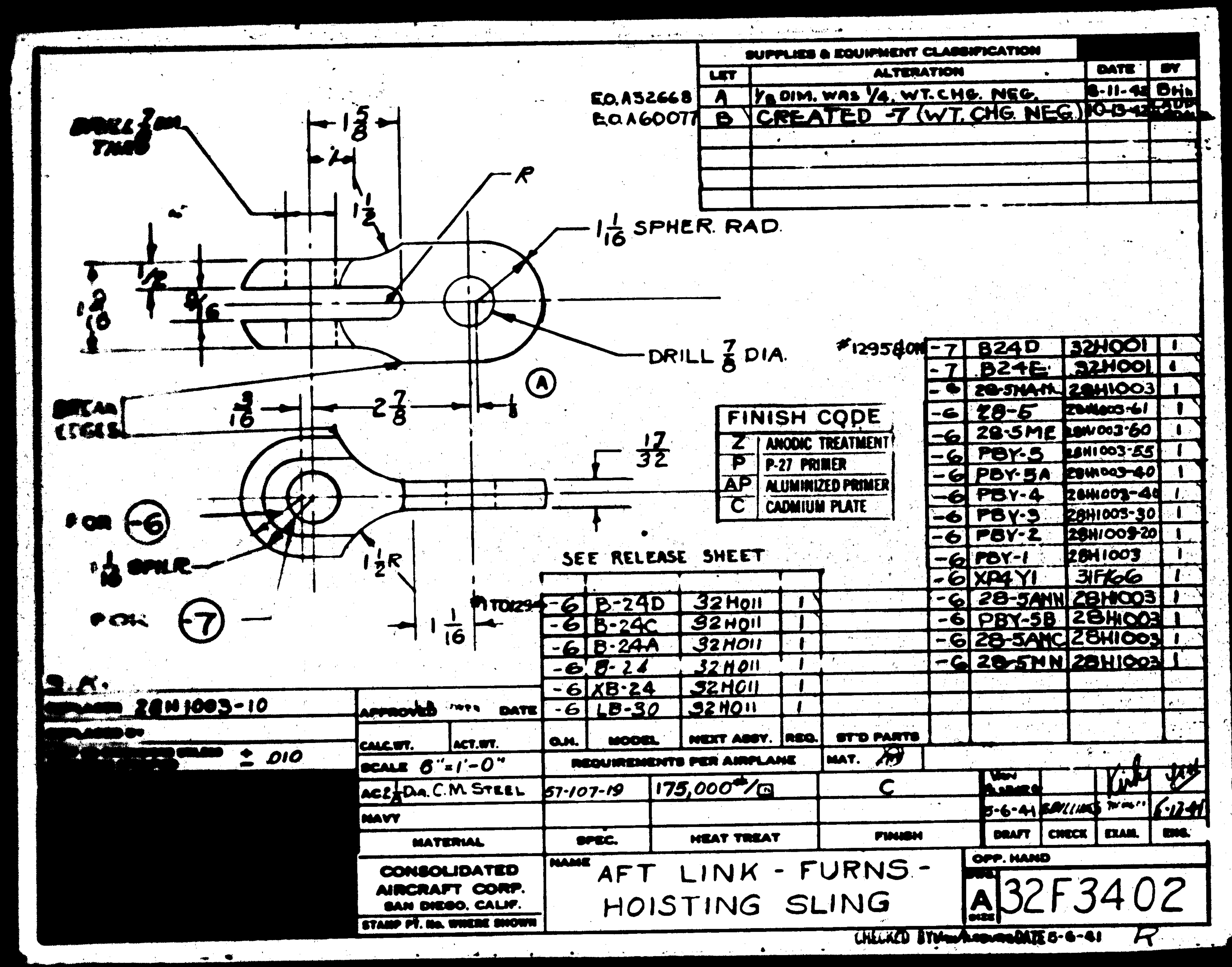
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
CHGD NEXT ASSY TO 32F785
WAS 32F717
6-2-41
B
CREATED -2 TO REPLACE -0
WAS 3/8 ON -0
C
CORRECTED NO. REQ. FOR
XPB2Y3 & PB2Y3. WERE 3 REQ
MAIG
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
GP GREEN PRIMER
1 1/32
1 3/4
2 7/8
3/4
3/8
2 3/32 ±.010
B
7/16
1/8 R
3/4
3 9/16
DRILL 7/32
2 HOLES
C
BEND RADII 1/8 R
-2 OA-10 32F785 1
-2 32F785 1
-2 PB2Y-3 32F785 1
-2 XPB2Y-3 32F785 1
-2 B-24D&E 32F785 1
-2 B-24C 32F785 1
MODEL
NEXT ASSY
REQ.
ST'D PARTS
LH RH
REQ.
PART NO.
LH RH
REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
CALC WT. .05
ACT WT.
SCALE 12" = 1'-0"
AC .064 ALCLAD
11067 II
NONE
P-GP
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
DUNN
DRAFT
CHECK
EXAM.
ENG.
OPP HAND
[redacted]
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO CALIF.
STAMP PT No WHERE SHOWN
NAME
BRACKET
ACCUMULATOR SUPPORT
DWG
A
SIZE
32F714
DATE 4-24-41
R

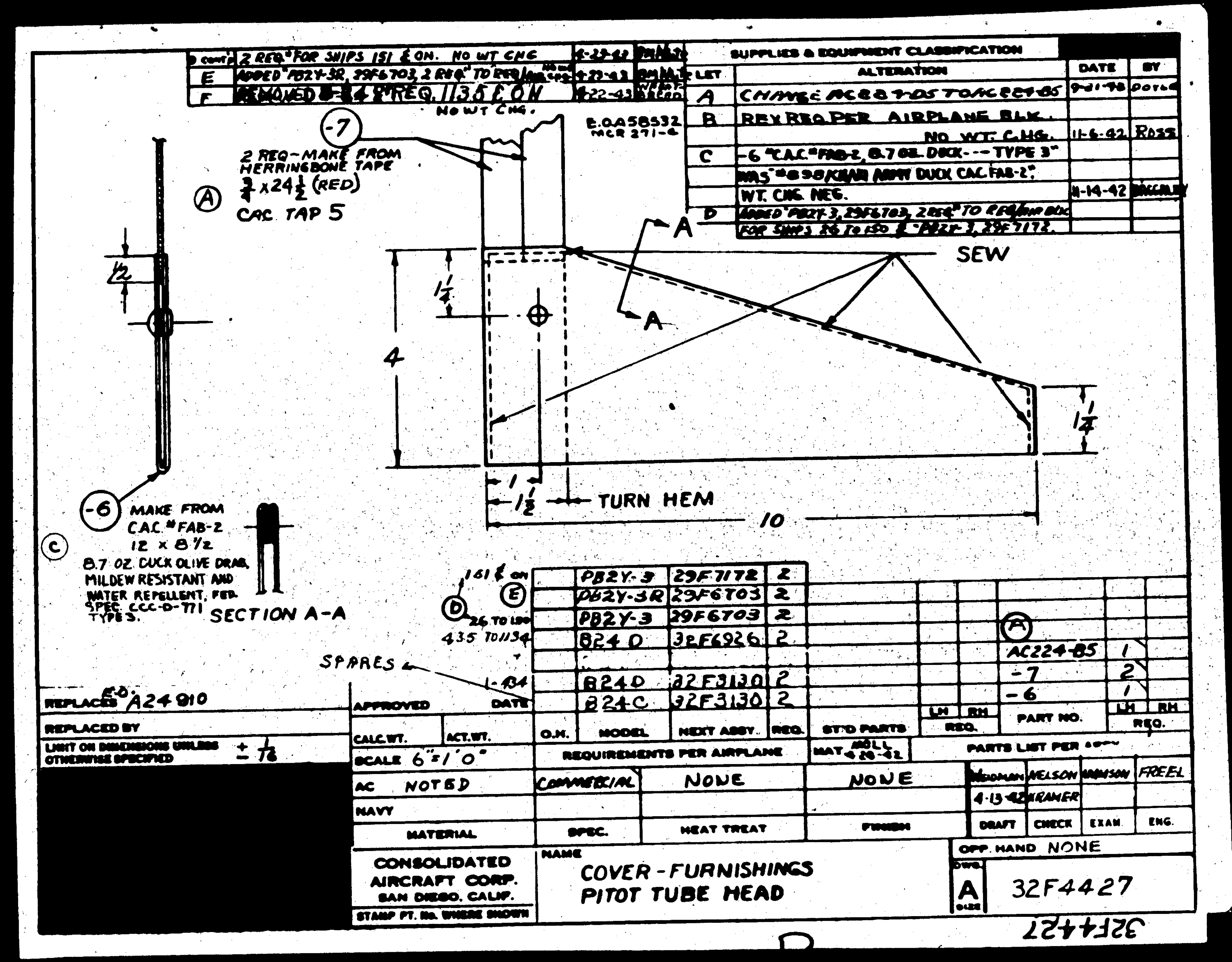


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | CHG -7 FROM "SMALL" TO "LARGE" #8D-FT-CHK; ADDED -9 & REQ'TS FOR PBY-5 & 28-5ME REMOVE PBBY-2 & B24R REQ'TS DELETE -8, REPLACED BY -9. | 1-15-41
BALL
SPRING
PARKER CH'K VALVE
#8 D-FT-CH'K-LARGE
FIG. 249
DIM. SH'T 4038-PN
-7
NOTE
TRIM CHECK SPRING TO BALL CLEARANCE AS SHOWN FOR -6 TO -9 INCL.
1/8
-6
PARKER CH'K VALVE
#6 D-FT-CH'K-SMALL
FIG. 249 - DIM SH'T 4038-PN
-9
PARKER CH'K VALVE
#8D-FG-CH'K LARGE
FIG. 30100 - DIM SH'T 4036-PN
FLOW 13 R.H.
3/8 I.P.T.
PURCHASE TO DWG.
FLOW ON -9
AIRPLANE #1-5 INCL
3 AIRPL. ONLY S.O.# 927-950
AIRPLANES (#1-#6 INCL)
-9 | 28-5ME | 28F5801 | 4
-9 | PBY-5 | 28F5802 | 4
-7 | B24 | 32F225 | 4
-7 | XB24 | 32F226 | 4
-6 | B24 | 32F226 | 1
-6 | XB24 | 32F226 | 1
32F1661-9 | 1
32F1661-7 | 1
32F1661-6 | 1
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE
AC NOTED
NAVY
MATERIAL
SPEC.
NONE
HEAT TREAT
ANODIZE
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
CHECK VALVE - FURN. - HEATING SYSTEM
A SIZE
32F1661

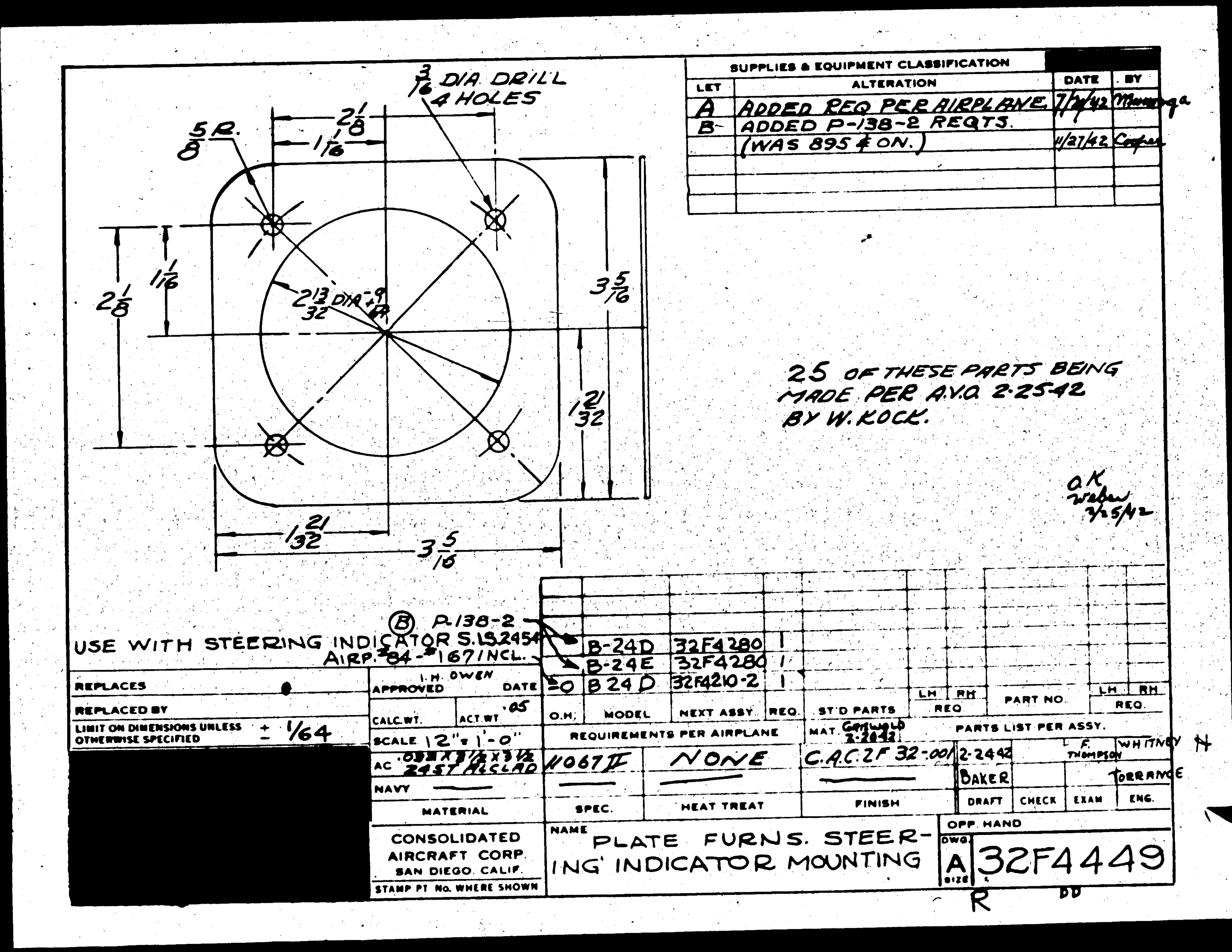


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
A
ADDED REQ'TS FOR
WITH N.A. 32F4280
REQ ON N.A. 32F3003
-P138-2 (WAS 435
DRILL #52(.064)
1 3/4
1/8
7/32
IN'BD BRAKE PRESSURE
OUT'BD BRAKE PRESSURE
HYDRAULIC PRESSURE
-1
-2
-3
-1 -2 & -3 ARE IDENTICAL EXCEPT
LETTERS TO BE RECESSED & FILLED
PALE GREEN FLUORESCENT LACQ
(# Z-10 US RADIUM CO. OR EQUIV)
BACKGROUND FINISHED IN DULL BL
STAMP PART NO. ON REVERSE SIDE
A P-38-2
#435 TO P-138-2
-3 B24E 32F4280 1
-2 B24E 32F4280 1
-1 B24E 32F4280 1
-1 B24D 32F4280 1
-3 B24D 32F4280 1
-2 B24D 32F4280 1
B-24-D 32F3003 1
B-24-D 1
B-24-D 1
3 32MF 32F5003 1
2 32MF 32F5003 1
1 32-MF 32F5003 1
-3 B-24C 32F3003 1
-2 B-24C 32F3003 1
B-24C 32F3003 1
S.K.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC WT
ACT WT
SCALE 2 = 1-0
O.H.
MODEL
NEXT ASSY
REQ
STD PARTS
REQUIREMENTS PER AIRPLANE
MAT
AC .030 AL. ST. 2S 1/2 H
57-151-1
(1/2 H)
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF
STAMP PT NO WHERE SHOWN
NAME
NAMEPLATE - FURNS - HYDRAULIC PRESSURE
A
32F

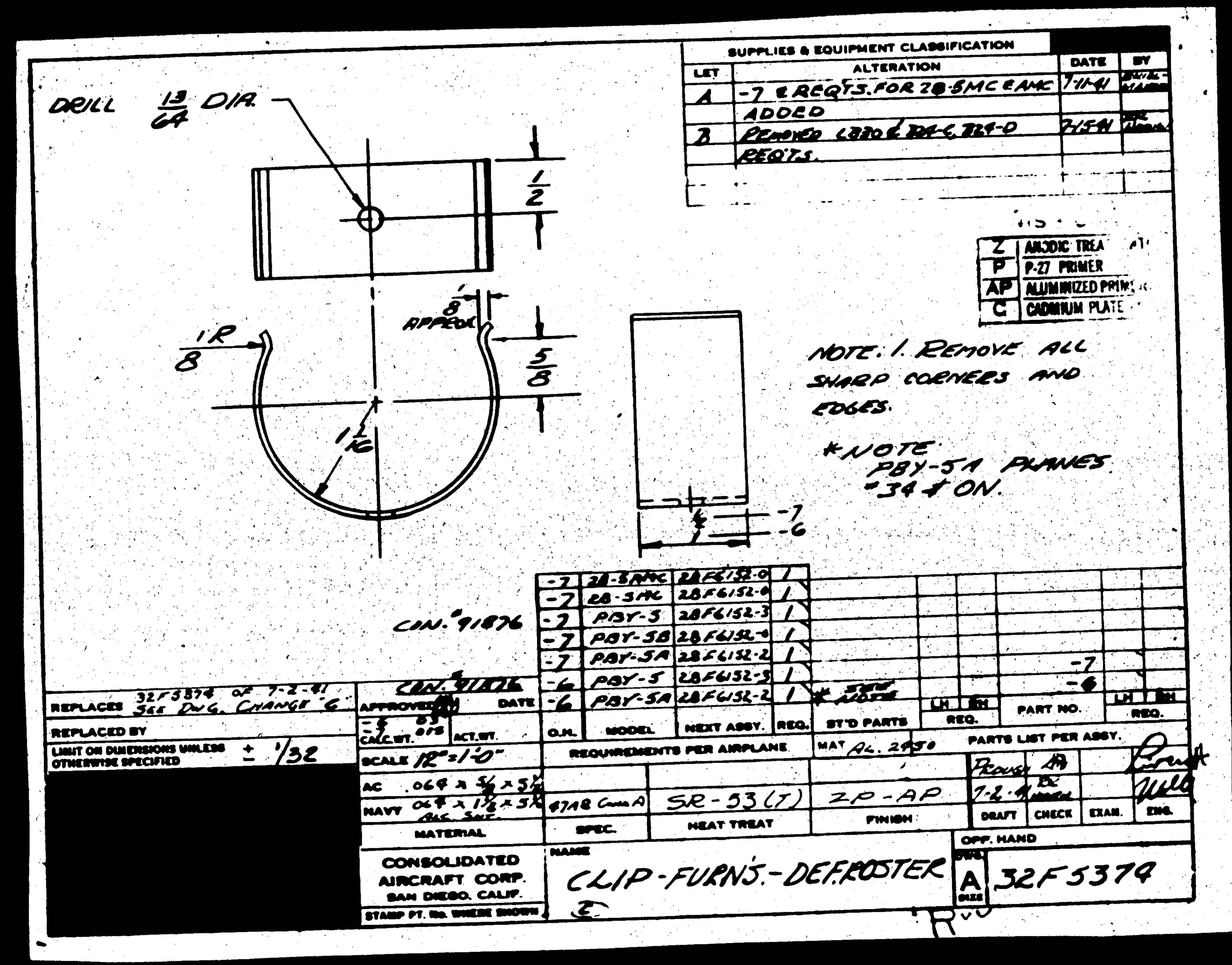

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
E.O. A52668 | A | 1/8 DIM. WAS 1/4. WT. CHG. NEG. | 8-11-42
E.O. A60077 | B | CREATED -7 (WT. CHG. NEG.) | 10-13-42
1 5/8
1/2
1 1/2
R
1 1/16 SPHER. RAD.
1/2
1 3/16
9/16
DRILL 7/8 DIA.
A
3/16
2 7/8
1/8
17/32
FOR -6
FOR -7
1 1/2 R
1 1/16
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
SEE RELEASE SHEET
#129580N
-7 | B24D | 32H001 | 1
-7 | B24E | 32H001 | 1
-6 | 28-5MA.M. | 28H1003 | 1
-6 | 28-5 | 28H1003-61 | 1
-6 | 28-5ME | 28H1003-60 | 1
-6 | PBY-5 | 28H1003-55 | 1
-6 | PBY-5A | 28H1003-40 | 1
-6 | PBY-4 | 28H1003-40 | 1
-6 | PBY-3 | 28H1003-30 | 1
-6 | PBY-2 | 28H1003-20 | 1
-6 | PBY-1 | 28H1003 | 1
-6 | XP4Y1 | 31F66 | 1
-6 | 28-5ANN | 28H1003 | 1
-6 | PBY-5B | 28H1003 | 1
-6 | 28-5AMC | 28H1003 | 1
-6 | 28-5MN | 28H1003 | 1
-6 | B-24D | 32H011 | 1
-6 | B-24C | 32H011 | 1
-6 | B-24A | 32H011 | 1
-6 | B-24 | 32H011 | 1
-6 | XB-24 | 32H011 | 1
-6 | LB-30 | 32H011 | 1
D.N. | MODEL | NEXT ASSY. | REQ. | STD PARTS
REQUIREMENTS PER AIRPLANE
28H1003-10
± .010
APPROVED | DATE
CALC. WT. | ACT. WT.
SCALE 6" = 1'-0"
MAT.
AC 1/2 Dia. C.M. STEEL | 57-107-19 | 175,000#/□ | C
NAVY
MATERIAL | SPEC. | HEAT TREAT | FINISH
5-6-41 | 6-12-41
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME AFT LINK - FURNS - HOISTING SLING
OPP. HAND
A 32F3402
CHECKED BY DATE 5-6-41
R

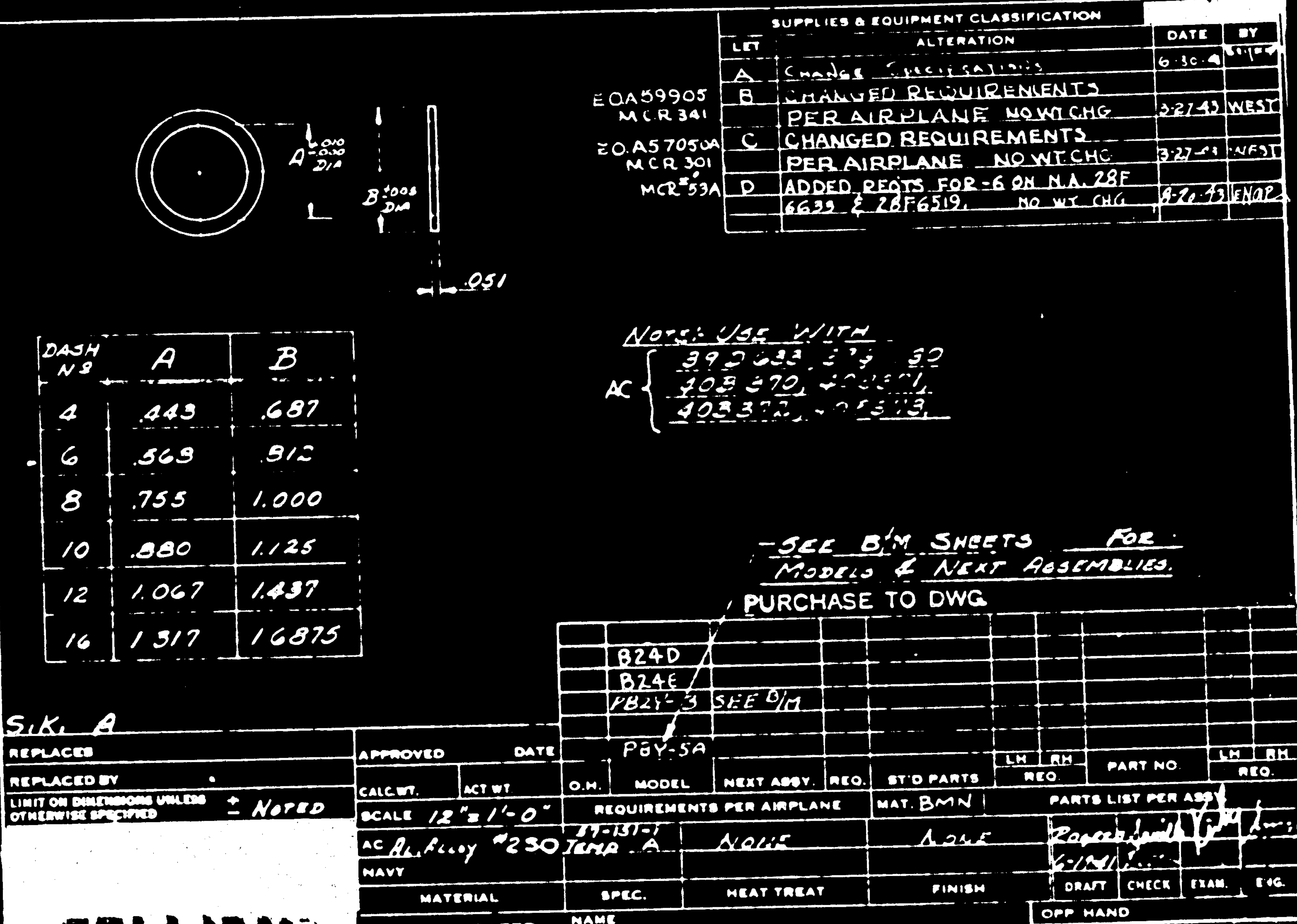


D cont'd 2 REQ. FOR SHIPS 151 & ON. NO WT CHG
E ADDED PB2Y-3R, 29F6703, 2 REQ. TO REQ/AIR
F REMOVED B-24 2 REQ. 1135 & ON NO WT CHG.
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A CHANGE AC224-85 TO AC224-85
B REV REQ PER AIRPLANE BLK. NO WT. CHG. 11-6-42 ROSS
C -6 "C.A.C. FAB-2, 8.7 OZ. DUCK - - - TYPE 3" WAS "#898/KHAKI ARMY DUCK CAC FAB-2". WT. CHG. NEG. 11-14-42
D ADDED PB2Y-3, 29F6703, 2 REQ. TO REQ/AIR BLK FOR SHIPS 26 TO 150 & PB2Y-3, 29F7172.
E.O.A58532
MCR 271-6
-7
2 REQ - MAKE FROM HERRINGBONE TAPE 3/4 x 24 1/2 (RED)
A
CAC TAP 5
A
A
SEW
1/2
1 1/4
4
1 1/4
1
1 1/2
TURN HEM
10
-6
MAKE FROM C.A.C. #FAB-2 12 x 8 1/2
C
8.7 OZ. DUCK OLIVE DRAB, MILDEW RESISTANT AND WATER REPELLENT, PER SPEC. CCC-D-771 TYPE 3.
SECTION A-A
161 & on
E
D
26 TO 150
435 TO 1134
SPARES
1-434
PB2Y-3 29F7172 2
PB2Y-3R 29F6703 2
PB2Y-3 29F6703 2
B24D 32F6926 2
B24D 32F3130 2
B24C 32F3130 2
A
AC224-85 1
-7 2
-6 1
REPLACES E.O. A24910
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/16
APPROVED
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 6" = 1' 0"
REQUIREMENTS PER AIRPLANE
MAT. MOLL 4-28-42
PARTS LIST PER
AC NOTED
NAVY
COMMERCIAL
NONE
NONE
WIDOMAN
NELSON
HANSON
FREEL
4-13-42
KRAMER
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND NONE
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
COVER - FURNISHINGS PITOT TUBE HEAD
DWG. A SIZE
32F4427
32F4427

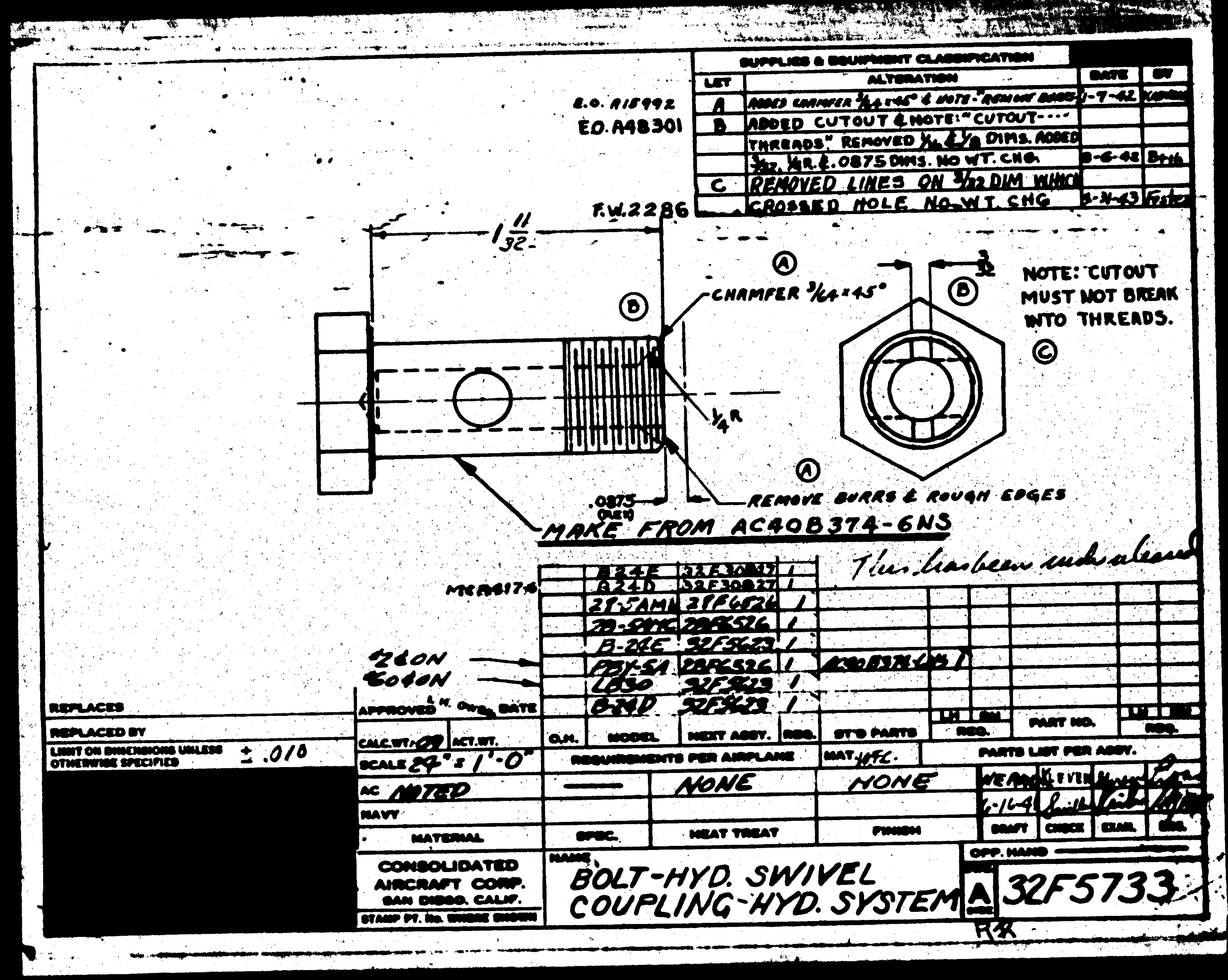


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | ADDED REQ PER AIRPLANE | 7/14/42
B | ADDED P-138-2 REQTS. (WAS 895 & ON.) | 11/27/42
3/16 DIA DRILL 4 HOLES
5/8 R.
2 1/8
1 1/16
2 13/32 DIA +.9
3 5/16
1 21/32
25 OF THESE PARTS BEING MADE PER A.V.O 2-25-42 BY W. KOCK.
OK Weber 3/25/42
(B) P-138-2
USE WITH STEERING INDICATOR S.L.S.2454
AIRP. #84-#167 INCL.
B-24D 32F4280 1
B-24E 32F4280 1
B 24 D 32F4210-2 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED I. H. OWEN
DATE
CALC. WT.
ACT. WT. .05
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC 24ST ALCLAD
11067 IV
NONE
C.A.C. 2F 32-001
2-24-42
F. THOMPSON
WHITNEY
BAKER
TORRANCE
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT No. WHERE SHOWN
NAME
PLATE FURNS. STEERING INDICATOR MOUNTING
DWG. SIZE A
32F4449
R


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
-7 & REQ'TS. FOR 28-5MC & AMC ADDED
7-11-41
B
REMOVED L330 & 324-C 324-D REQ'TS.
DRILL 13/64 DIA.
1/2
1/8 APPROX.
1R/8
5/8
1 1/16
-7
-6
Z
ANODIC TREA
P
P-27 PRIMER
AP
ALUMINIZED PRIM
C
CADMIUM PLATE
NOTE: 1. REMOVE ALL SHARP CORNERS AND EDGES.
*NOTE PBY-5A PLANES #34 & ON.
CON. #91876
-7 | 28-5AMC | 28F6152-0 | 1
-7 | 28-5MC | 28F6152-0 | 1
-7 | PBY-5 | 28F6152-3 | 1
-7 | PBY-5B | 28F6152-4 | 1
-7 | PBY-5A | 28F6152-2 | 1
-6 | PBY-5 | 28F6152-5 | 1
-6 | PBY-5A | 28F6152-2 | 1
* SEE NOTE
-7
-6
REPLACES 32F5374 OF 7-2-41 SEE DWG. CHANGE "C"
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
CON. 91876
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE 12"=1'-0"
AC .064 x 5/8 x 5 1/2
NAVY .064 x 1 1/8 x 5 1/2 ALC. SHT.
MATERIAL
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT AL. 24ST
PARTS LIST PER ASSY.
4718 Conn A
SR-53 (T)
ZP-AP
SPEC.
HEAT TREAT
FINISH
7-2-41
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
CLIP-FURN'S.-DEFROSTER
DWG. A SIZE
32F5374



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A CHANGE SPECIFICATIONS 6-30-4
B CHANGED REQUIREMENTS PER AIRPLANE NO WT CHG 3-27-43 WEST
C CHANGED REQUIREMENTS PER AIRPLANE NO WT CHG 3-27-43 WEST
D ADDED REQTS FOR -6 ON N.A. 28F 6639 & 28F6519. NO WT CHG 8-20-43 ENAP
EOA59905 MCR341
EO.A57050A MCR301
MCR#53A
A DIA
B DIA
.051
NOTE: USE WITH
AC
DASH NO | A | B
4 | .443 | .687
6 | .563 | .812
8 | .755 | 1.000
10 | .880 | 1.125
12 | 1.067 | 1.437
16 | 1.317 | 1.6875
SEE B/M SHEETS FOR MODELS & NEXT ASSEMBLIES.
PURCHASE TO DWG
B24D
B24E
PB2Y-3 SEE B/M
PBY-5A
S.K. A
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± NOTED
APPROVED DATE
CALC WT. ACT WT
SCALE 12" = 1'-0"
O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT. BMN
PARTS LIST PER ASSY
AC AL ALLOY #230 TEMP A
NONE
NONE
NAVY
MATERIAL SPEC. HEAT TREAT FINISH
DRAFT CHECK EXAM. ENG.
OPP HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF
STAMP PT No WHERE SHOWN
NAME
GASKET - SPECIAL - HYD. FITTINGS - HYDRAULIC SYS.
DWG SIZE A
32F5712
ENG. FILE



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | ADDED CHAMFER 3/64 x 45° & NOTE - REMOVE BURRS | 1-7-42
B | ADDED CUTOUT & NOTE: "CUTOUT---- THREADS," REMOVED 1/16 & 1/8 DIMS. ADDED 3/32, 1/4R. & .0875 DIMS. NO WT. CHG. | 3-6-42
C | REMOVED LINES ON 3/32 DIM WHICH CROSSED HOLE. NO WT. CHG | 3-31-43
E.O. A15992
E.O. A48301
F.W. 2286
1 11/32
CHAMFER 3/64 x 45°
NOTE: CUTOUT MUST NOT BREAK INTO THREADS.
1/4 R
.0875
REMOVE BURRS & ROUGH EDGES
MAKE FROM AC40B374-6NS
B-24E 32F30827 1
B-24D 32F30827 1
29-5AM 28F6526 1
29-SAMC 28F6526 1
B-24E 32F5623 1
PB2Y-5A 28F6526 1 AC40B374-6NS 1
LB30 32F5623 1
B-24D 32F5623 1
#260N
#040N
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
DATE
CALC. WT. .09
ACT. WT.
SCALE 2" = 1'-0"
AC NOTED
NAVY
MATERIAL
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
REQ.
PART NO.
REQ.
REQUIREMENTS PER AIRPLANE
MAT. WFC.
PARTS LIST PER ASSY.
NONE
NONE
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
ENGR.
6-16-41
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BOLT-HYD. SWIVEL COUPLING-HYD. SYSTEM
A
32F5733

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

PURCHASE TO DWG.

O.N.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28F6516	1
	OA-10	28F6516	1
	B-24E	32F718	1
	B-24E	32F505	1
	B-24D	32F718	1
	B-24D	32F505	1
	B-24C	32F718	1
	B-24C	32F505	1

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED — DATE

CALC. WT. .01 — ACT. WT.

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE — ST'D PARTS — PARTS LIST PER ASSY. — PART NO. — REQ. LH RH

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC	061 ALCLAD 24ST	11067-II	NONE	NOTED
NAVY				

DRAFT — CHECK — EXAM. — ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

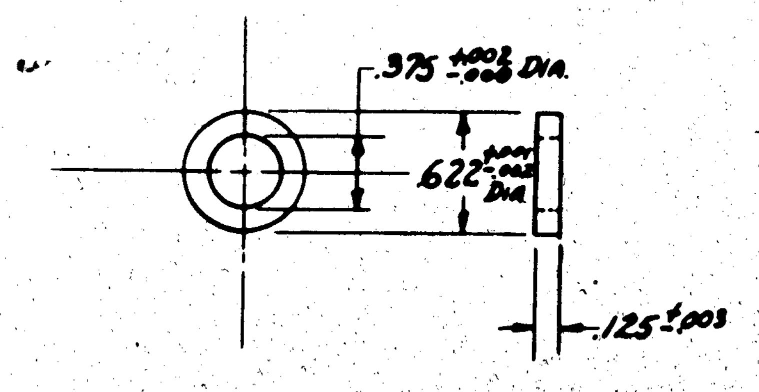
STAMP PT. No. WHERE SHOWN

NAME: TAG-FLUID SPECIFICATION-HYD. SYSTEM

OPP. HAND

A 32F5734

LET	ALTERATION	DATE	BY
SUPPLIES & EQUIPMENT CLASSIFICATION -			



BREAK ALL CORNERS .010 (MAX. R)
SMOOTH MACH. FINISH ALL OVER.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

PURCHASE TO DWG. WITH 5735

*PB2Y-3 LAST 54 SHIPS, CONTRACT #78803

#26 ϕ ON

S.O. 829-18

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	*PB2Y-3	32F5795	1						
	82903 [illegible]	32F5736	1					-	

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010

[redacted]

KLEIN 12-17-41
APPROVED I. H. OWEN DATE

CALC. WT.	ACT. WT
.01	

SCALE 12" = 1'-0"

MAT. J.F.R.

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC	AL. ALLOY ROD 24ST	QQ-A-354 COND. T	NONE	Z
NAVY	AL. ALLOY ROD 24ST	46-A5 COND T	NONE	Z

DRAFT	CHECK	EXAM.	ENG.
ROGERS	SAVILLE	KIRK	LIVERS
10-18-41	11-3-41		AGNEW

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

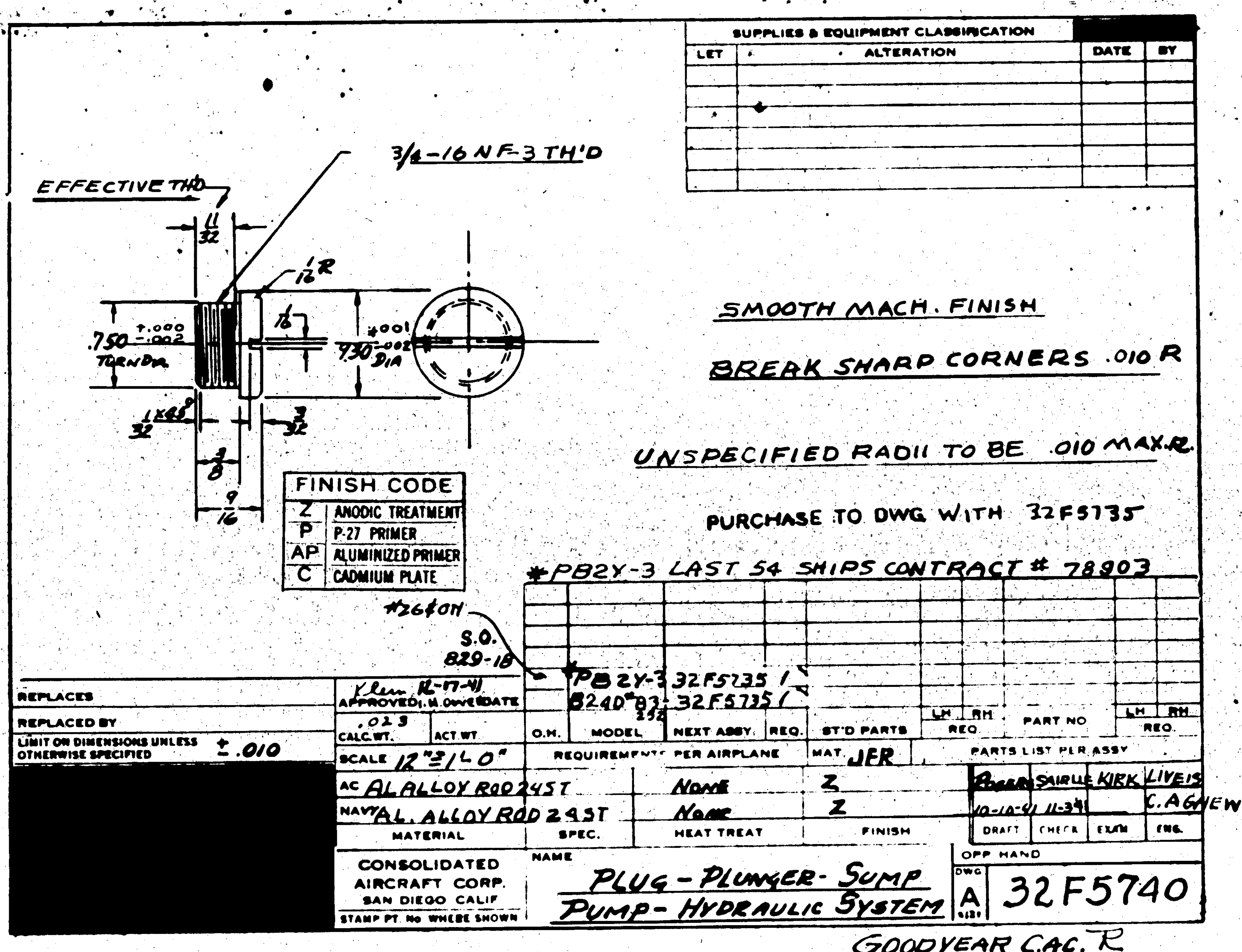
NAME: PACKING RETAINER - SUMP PUMP - HYDRAULIC SYSTEM

OPP. HAND

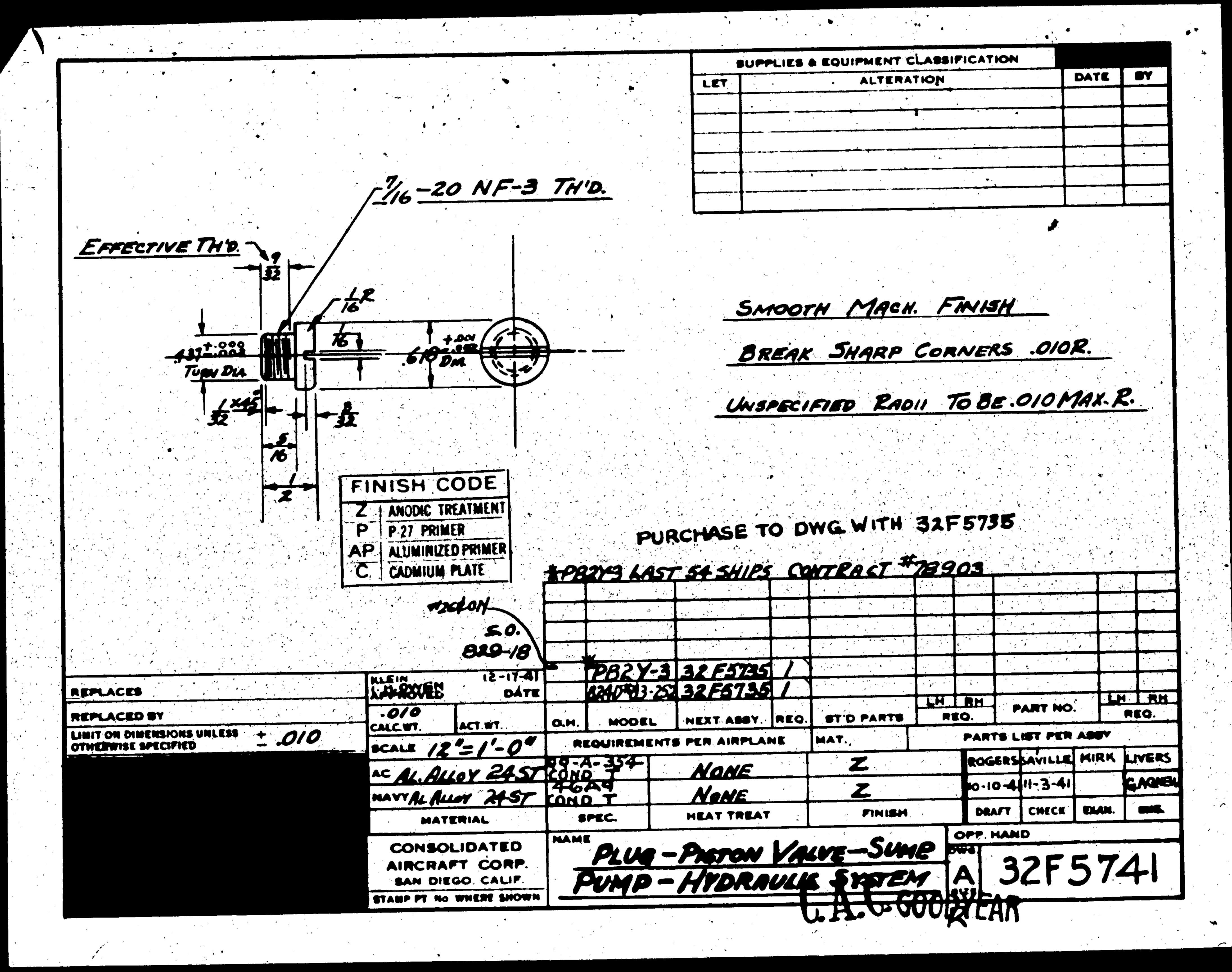
DWG. A 32F5738

C.A.C. GOODYEAR

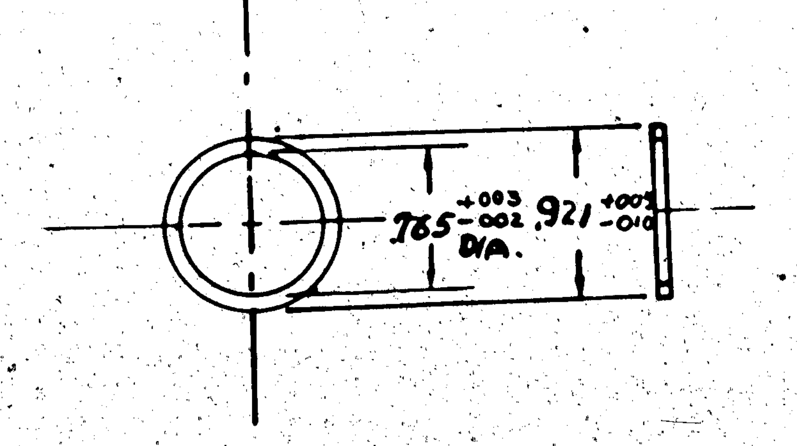
R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
3/4-16 NF-3 TH'D
EFFECTIVE TH'D
11/32
1/16 R
1/16
.750 +.000 -.002 TURN DIA
.930 +.001 -.002 DIA
1/32 X 45°
3/32
3/8
9/16
SMOOTH MACH. FINISH
BREAK SHARP CORNERS .010 R
UNSPECIFIED RADII TO BE .010 MAX. R.
PURCHASE TO DWG WITH 32F5735
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
*PB2Y-3 LAST 54 SHIPS CONTRACT # 78903
#26 ON
S.O. 829-18
*PB2Y-3 32F5735 1
B24D 83 32F5735 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
Klein 12-17-41
APPROVED I. M. OWNER DATE
.023
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT. JFR
PARTS LIST PER ASSY
SCALE 12" = 1'-0"
AC AL ALLOY ROD 24ST
NAVY AL. ALLOY ROD 24ST
MATERIAL
SPEC.
None
None
HEAT TREAT
Z
Z
FINISH
SAIRLE KIRK LIVEIS
10-10-41 11-3-41
C. AGNEW
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF
STAMP PT. No WHERE SHOWN
NAME
PLUG - PLUNGER - SUMP
PUMP - HYDRAULIC SYSTEM
OPP HAND
DWG A
32F5740
GOODYEAR C.A.C. R


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
7/16-20 NF-3 TH'D.
EFFECTIVE TH'D.
9/32
LR 1/16
.437 +.000 -.002 TURN DIA
1/16
.618 +.001 -.002 DIA
1/32 X 45°
3/32
5/16
1/2
SMOOTH MACH. FINISH
BREAK SHARP CORNERS .010R.
UNSPECIFIED RADII TO BE .010 MAX. R.
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PURCHASE TO DWG. WITH 32F5735
*PB2Y3 LAST 54 SHIPS CONTRACT #78903
S.O. 829-18
*PB2Y-3 32F5735 1
32F5735 1
LH RH REQ.
PART NO.
LH RH REQ.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
KLEIN
APPROVED
12-17-41
DATE
.010
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC AL. ALLOY 24ST
NAVY AL. ALLOY 24ST
MATERIAL
COND T
46A9
COND T
SPEC.
NONE
NONE
HEAT TREAT
Z
Z
FINISH
ROGERS
SAVILLE
KIRK
LIVERS
10-10-41
11-3-41
DRAFT
CHECK
EXAM.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
PLUG - PISTON VALVE - SUMP PUMP - HYDRAULIC SYSTEM
DWG.
A
32F5741
C.A.C. GOODYEAR

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



REMOVE ALL BURRS

PURCHASE TO DWG WITH 32F5735

* LAST 54 SHIPS PB2Y-3 CONTRACT #70903

#26 ON S.O. 829-18

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	*PB2Y-3	32F5735	2						
	B24D ~~3~~ 25E	32F5735	2						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	±.010

APPROVED IN OWG & DATE	KLEIM-12-12-41
CALC. WT.	.001
ACT. WT.	
SCALE	12" = 1'-0"
MAT.	JFR

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC ALCOA 250 (.064)	57-151-1 TEMP. B	NONE	NONE
NAVY ALCOA 250 (.064)	712 TEMP. A	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
ROGERS 10-10-41	SAIDLE KIRK 11-3-41		LIVERS C. AGNEW

OPP HAND

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT No WHERE SHOWN

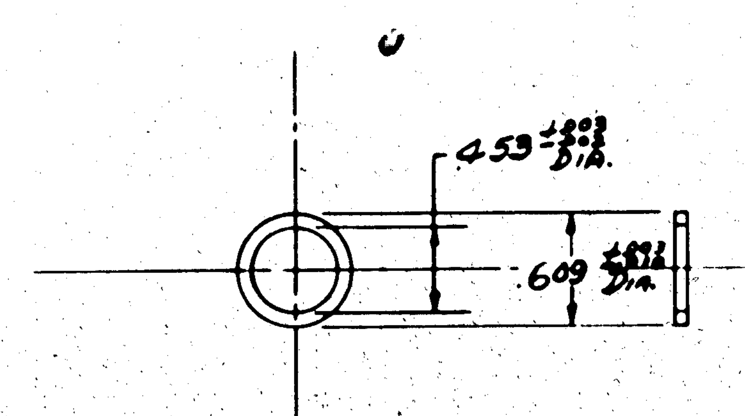
NAME: GASKET-PLUNGER-SUMP PUMP-HYDRAULIC SYSTEM

DWG. SIZE A — 32F5742

G.A.C. GOODYEAR R

LET	ALTERATION	DATE	BY

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]



REMOVE ALL BURRS

PURCHASE TO DWG WITH 32F5735

*PB2Y-3 LAST 54 SHIPS CONTRACT #78903

#2610N
6.0.
829-18

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	*PB2Y-3	32F5735	1						
	B24D 73-152	32F5735	1						

REQUIREMENTS PER AIRPLANE — MAT. J.F.R. — PARTS LIST PER ASSY

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

KLEIN 12-17-41
APPROVED AN OWEN DATE

CALC. WT. .001 — ACT. WT.

SCALE 12" = 1'-0"

[redacted]

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC	ALCOA 250 (064)	57-181-1 TEMP A	NONE	NONE
NAVY	ALCOA 250 (064)	47A2 TEMP. A	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
ROBERTS 10-10-41	SAVILLE 11-3-41	KIRK	LIVERS AGNEW

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME: GASKET - PISTON VALVE - SUMP PUMP - HYDRAULIC SYSTEM

OPP HAND

DWG. A 8127 — 32F5743

C.A.C. GOODYEAR R

SUPPLIES & EQUIPMENT CLASSIFICATION	[redacted]		
LET	ALTERATION	DATE	BY

PURCHASE TO DWG WITH 32F5735

#PB2Y-3 LAST 54 SHIPS CONTRACT #78903

3. BREAK ALL SHARP CORNERS .005

2. ALL UNSPECIFIED RADII TO BE .010 MAX. R

NOTES: 1. SMOOTH MACH. FINISH

#26101
S.O. 820-18

O.H.	MODEL	NEXT ASSY	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PB2Y-3	32F5735	1						
	B24D	32F5735	1						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY

REPLACES	APPROVED KLEIN — H. OWEN 12-17-41 DATE
REPLACED BY	.01 CALC. WT. — ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010
	SCALE 24 = 1'-0" — MAT. JFR

[redacted]

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC	BRASS ROD	QQ-B-621 TYPE I COMP. B-H.H	NONE	NONE
NAVY	BRASS ROD	47B2 H.H.	NONE	NONE

DRAFT	CHECK	EXAM	ENG.
RODGERS	SMALLE 12-3-41	KIRK	LIVEES / C A GNEW

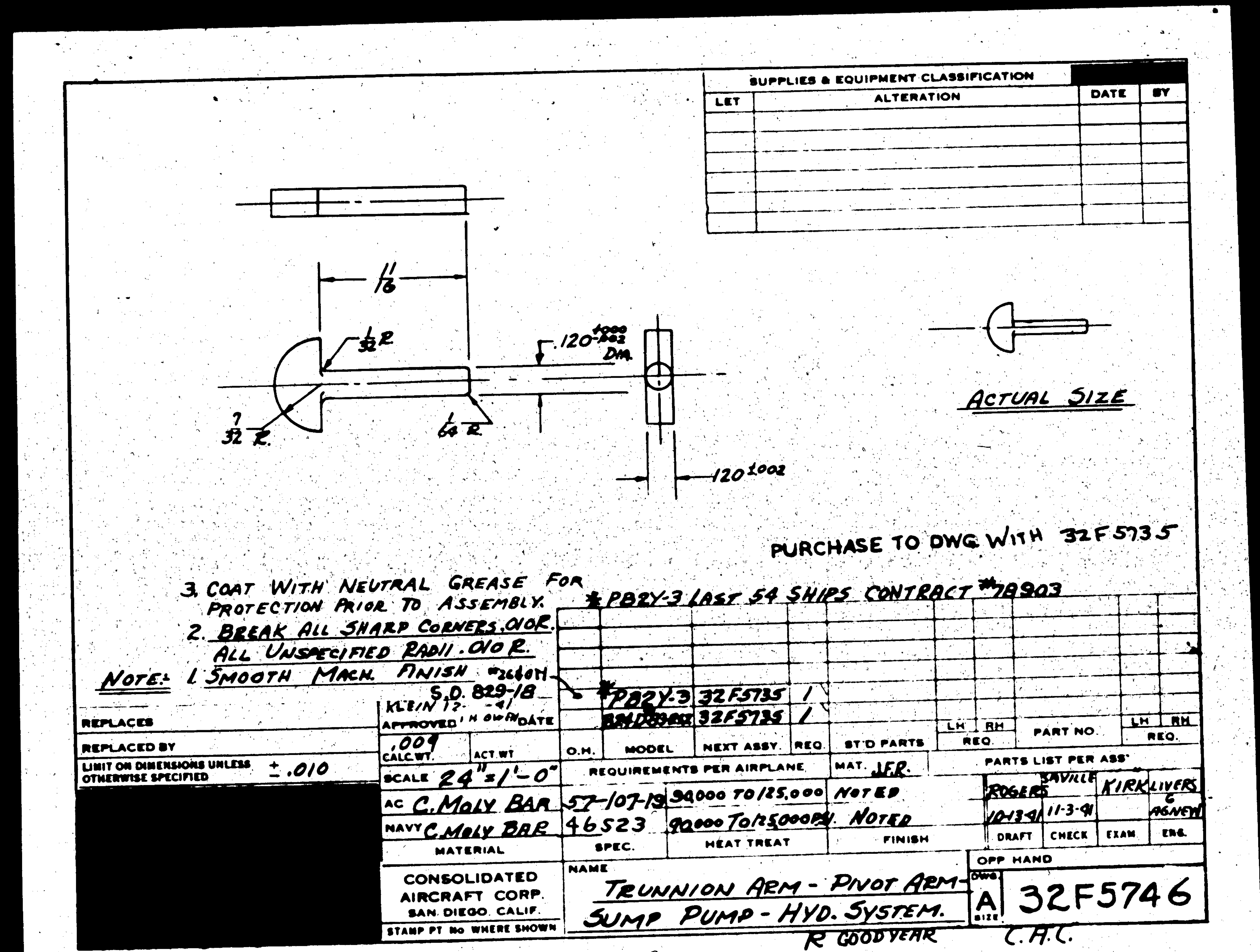
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT No. WHERE SHOWN

NAME: TRUNNION - PIVOT ARM - SUMP PUMP - HYD SYSTEM

OPP HAND

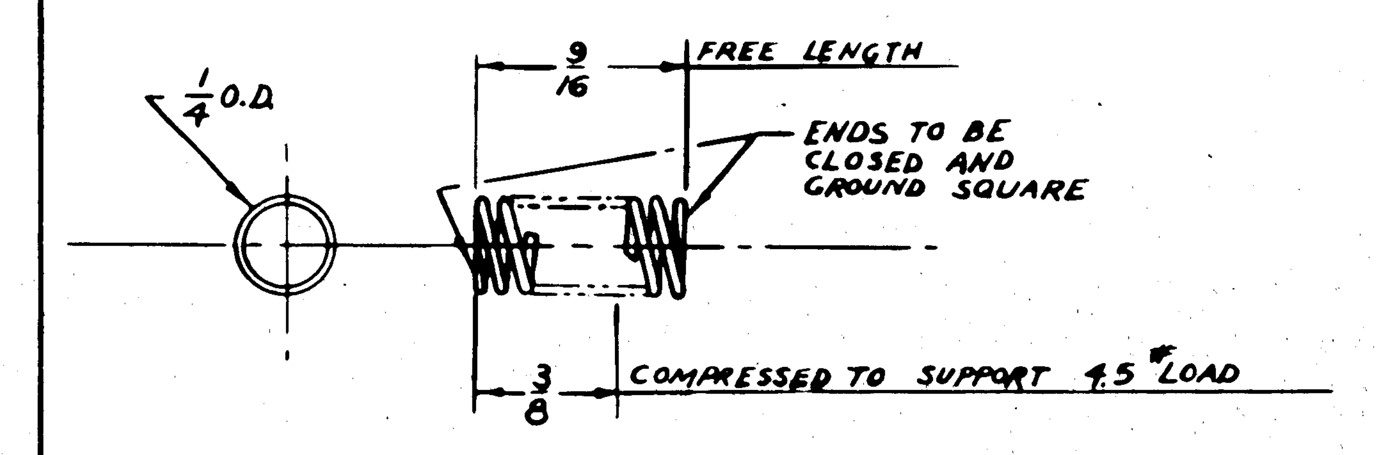
DWG SIZE A — 32F5745

GOODYEAR C.A.C. R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
11/16
1/32 R
.120 DIA.
7/32 R.
1/64 R
.120 ±.002
ACTUAL SIZE
PURCHASE TO DWG WITH 32F5735
3. COAT WITH NEUTRAL GREASE FOR PROTECTION PRIOR TO ASSEMBLY.
2. BREAK ALL SHARP CORNERS .010 R. ALL UNSPECIFIED RADII .010 R.
NOTE: 1. SMOOTH MACH. FINISH #2660M S.D. 829-18
*PB2Y-3 LAST 54 SHIPS CONTRACT #78903
*PB2Y-3 32F5735 1
32F5735 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010
APPROVED
DATE
.009
CALC. WT.
ACT. WT
SCALE 24" = 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT. J.F.R.
PARTS LIST PER ASS'
AC C. MOLY BAR 57-107-19 90000 TO 125,000 NOTED
NAVY C. MOLY BAR 46523 90000 TO 125000 PSI. NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
ROGERS
SAVILLE
KIRK
LIVERS
AGNEW
10-13-41
11-3-41
DRAFT
CHECK
EXAM.
ENG.
OPP HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
NAME
TRUNNION ARM - PIVOT ARM - SUMP PUMP - HYD. SYSTEM.
DWG.
A SIZE
32F5746
STAMP PT No WHERE SHOWN
R GOODYEAR
C.A.C.

SUPPLIES & EQUIPMENT CLASSIFICATION		[redacted]	
LET	ALTERATION	DATE A	BY



PURCHASE TO DWG. WITH 32F5735

FINISH - COAT WITH NEUTRAL GREASE FOR PROTECTION PRIOR TO INSTALLATION

*PB2Y-3 LAST 54 SHIPS CONTRACT #78903

#2680N

S.O. 829-18

O.H.	MODEL	NEXT ASSY	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	*PB2Y-3	32F5735	1						
	PB2Y-3-252	32F5735	1						
REQUIREMENTS PER AIRPLANE				MAT JFR.	PARTS LIST PER ASSY.				

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/64
[redacted]	

KLEIN APPROVED	12-18-41 DATE	
.001 CALC. WT	ACT WT	
SCALE 24" = 1' 0"		

	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM	ENG.
AC	MUSIC WIRE		NONE	NOTED	FRANCHI	SAVILLE	KIRK	LIVERS
NAVY	MUSIC WIRE	AN-QQ-W-471	NONE	NOTED	10/16/41	11/3/41		G. AGNEW

CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF

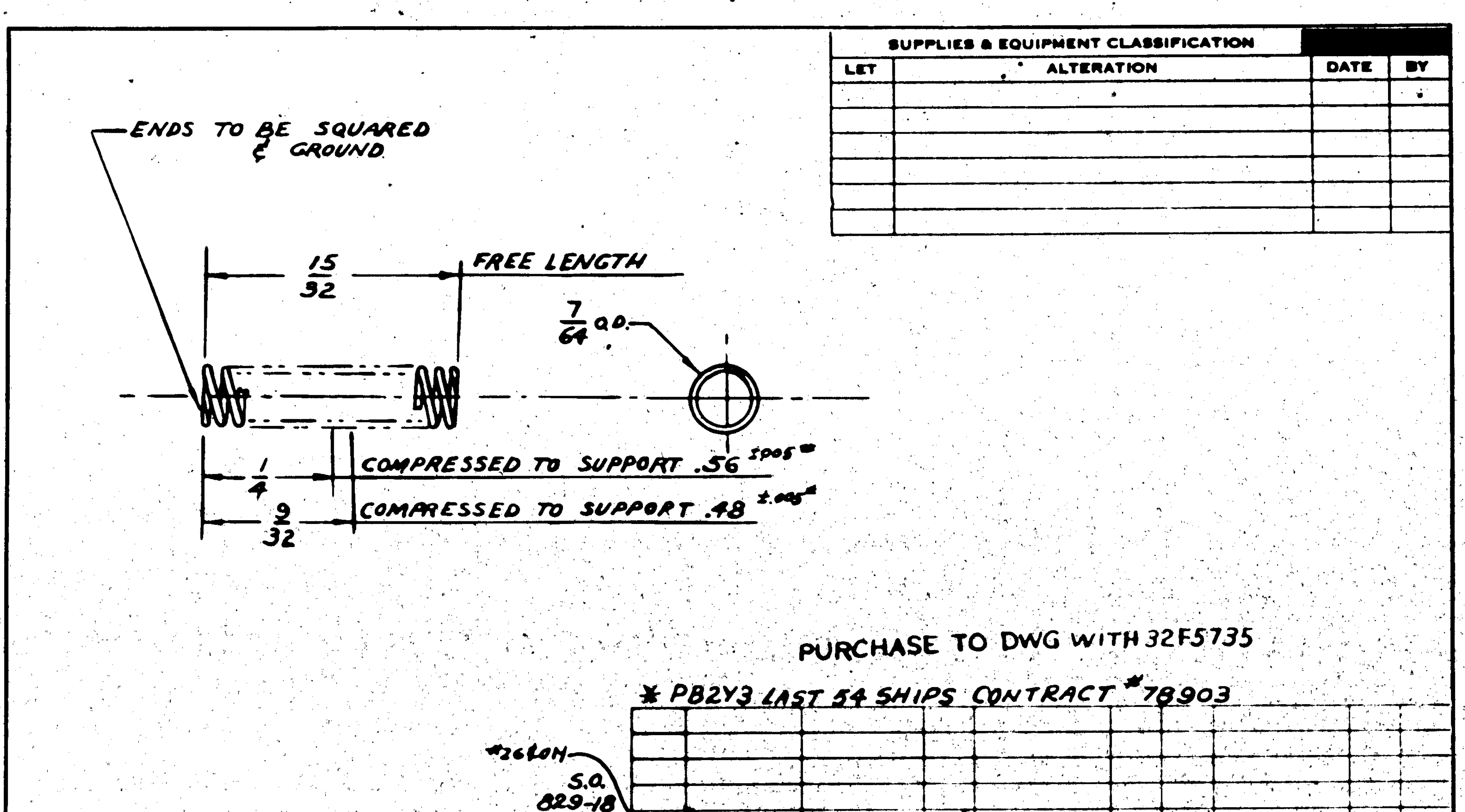
STAMP PT No WHERE SHOWN

NAME SPRING-TRUNNION ARM - SUMP PUMP - HYDR. SYS.

OPP HAND

DWG SIZE A 32F5747

R C.A.C GOODYEAR



PURCHASE TO DWG WITH 32F5735

* PB2Y3 LAST 54 SHIPS CONTRACT # 78903

#2620H — S.O. 829-18

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	*PB2Y-3	32F5735	1						
	824073-252	32F5735	1						

REQUIREMENTS PER AIRPLANE — MAT. JFR. — PARTS LIST PER ASSY.

REPLACES	KLEIN 12-17-41 APPROVED LH OWEN DATE
REPLACED BY	.001 CALC. WT. — ACT. WT
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/64
	SCALE 48" = 1'-0"

[redacted]

MATERIAL	SPEC.	HEAT TREAT	FINISH
A PHOS BRONZE WIRE	QQ-W-401	NONE	NONE
NAVY PHOS. BRONZE WIRE	22 WS	NONE	NONE

DRAFT	CHECK	EXAM	ENG.
FRANCHE	SOVILLE	KIRK	LIVERS
10-16-41	11-3-41		G. AGNEW

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO CALIF.

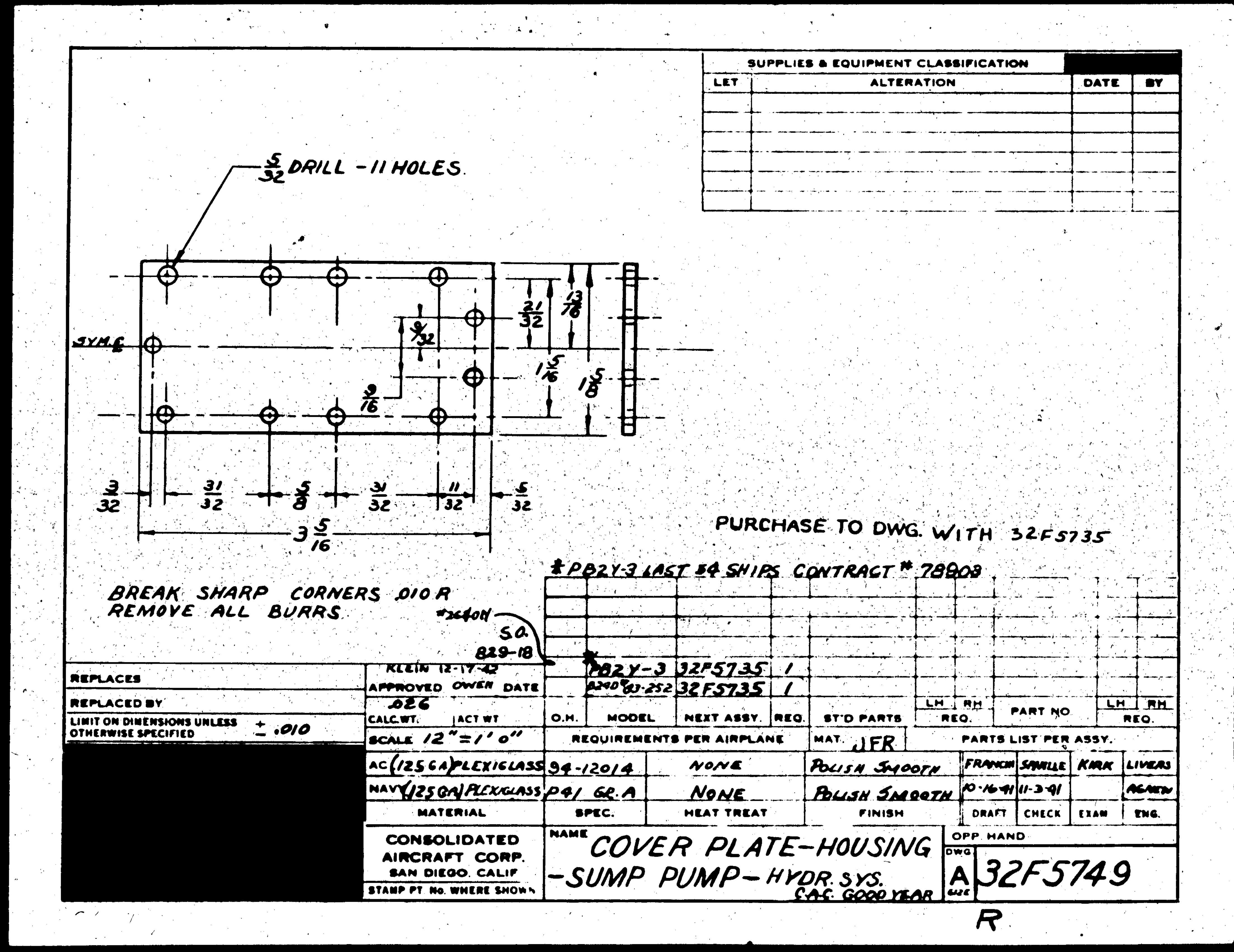
STAMP PT No WHERE SHOWN

NAME SPRING—PISTON VALVE—SUMP PUMP—HYD. SYST.

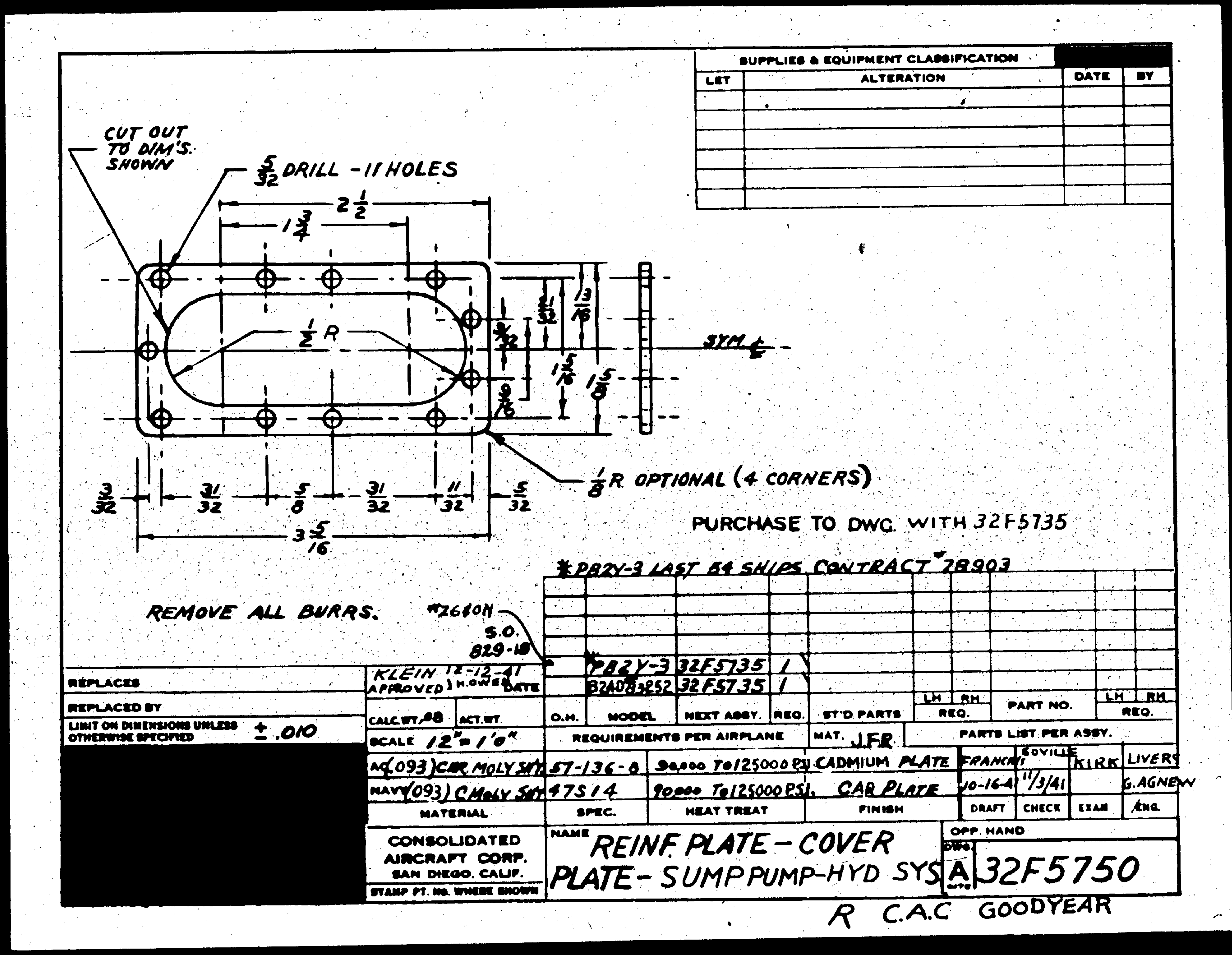
OPP HAND

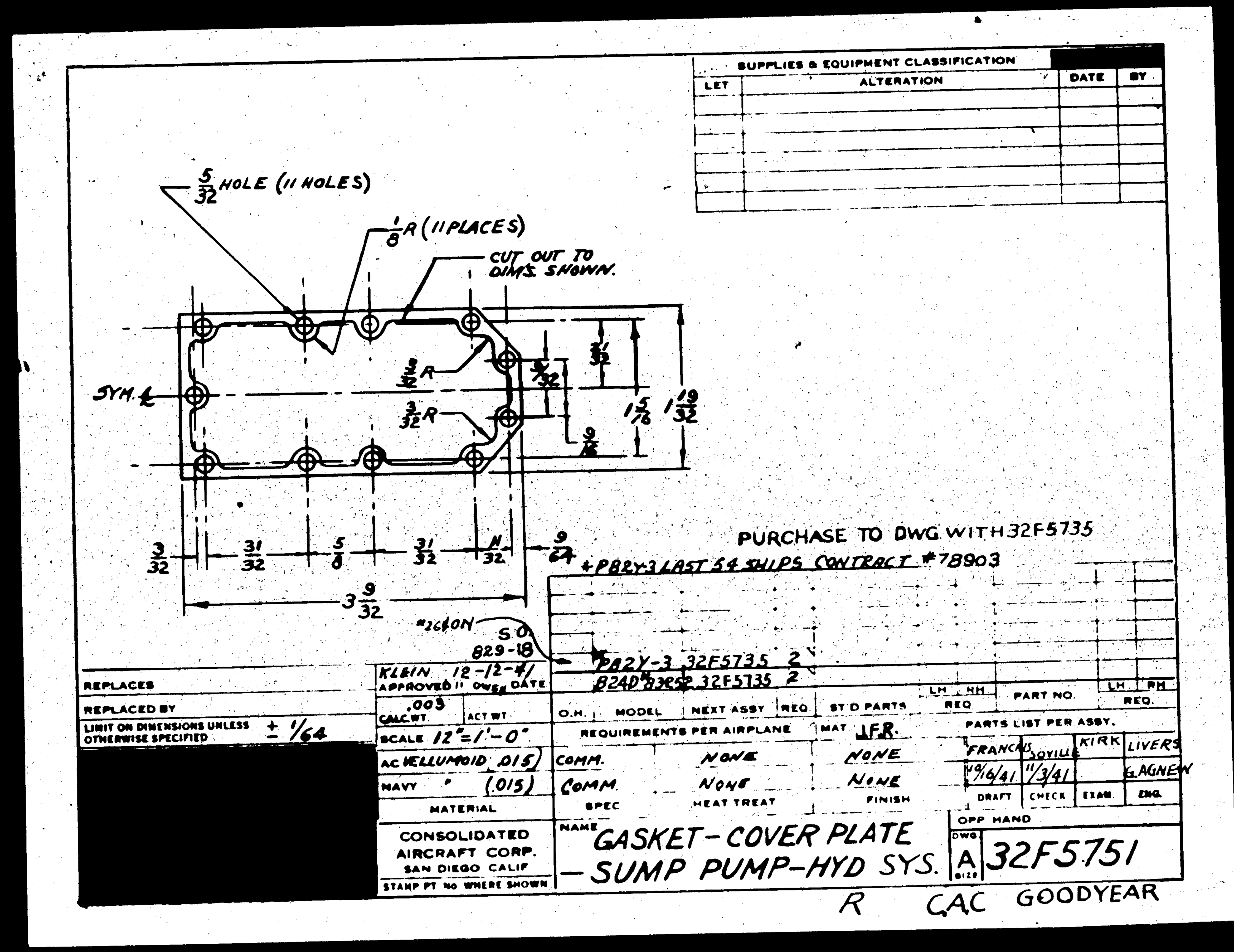
DWG. SIZE A — 32F5748

R CAC GOODYEAR

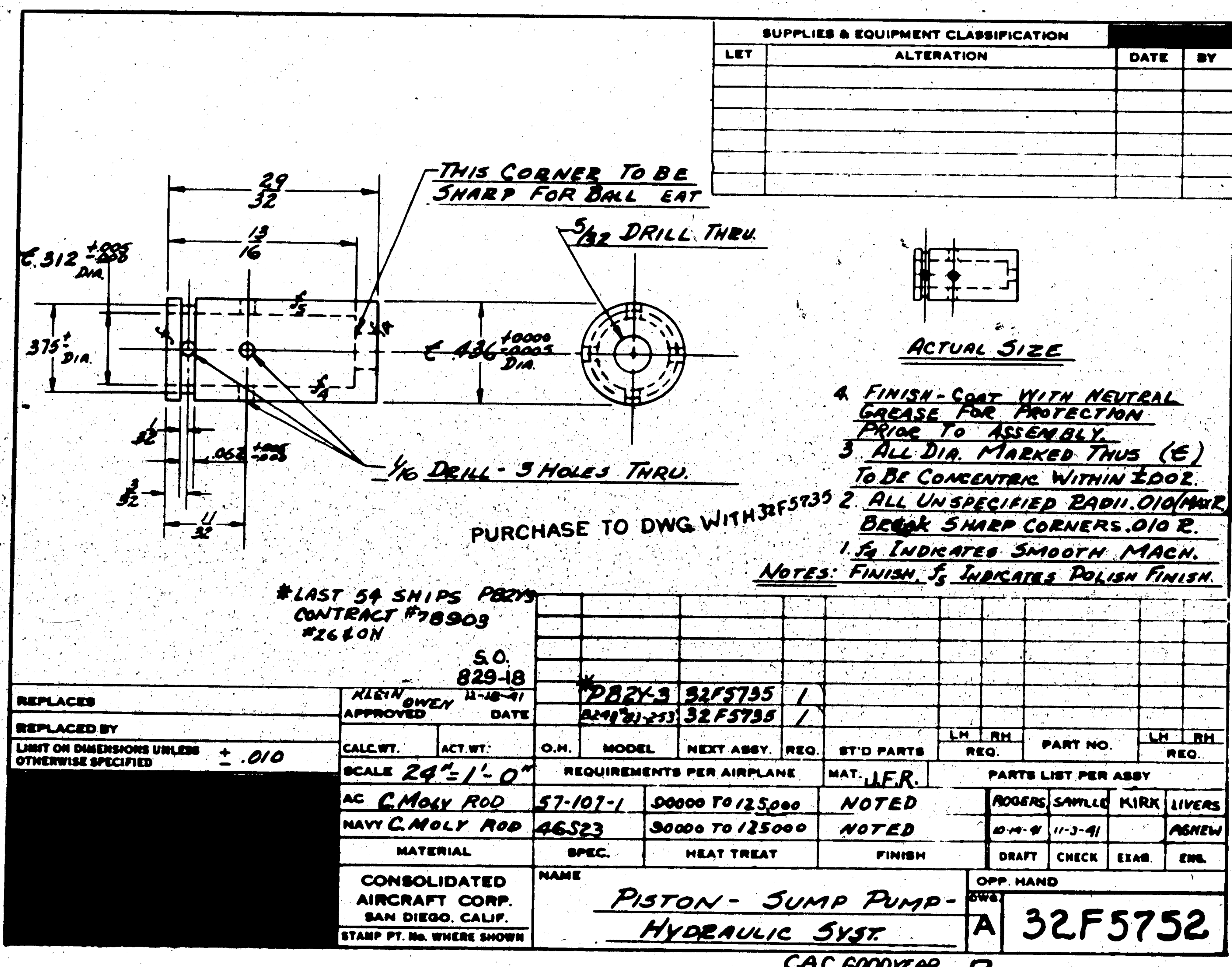


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
5/32 DRILL - 11 HOLES
SYM. ℄
21/32
13/16
9/32
9/16
1 5/16
1 5/8
3/32
31/32
5/8
31/32
11/32
5/32
3 5/16
PURCHASE TO DWG. WITH 32F5735
*PB2Y-3 LAST 54 SHIPS CONTRACT * 78908
BREAK SHARP CORNERS .010 R
REMOVE ALL BURRS
#26404
S.O.
829-18
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
KLEIN 12-17-42
APPROVED OWEN DATE
.026
CALC. WT.
ACT WT
SCALE 12" = 1' 0"
*PB2Y-3 32F5735 1
32F5735 1
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT. JFR
PARTS LIST PER ASSY.
AC (125 GA) PLEXIGLASS
94-12014
NONE
POLISH SMOOTH
FRANCH
SAVILLE
KIRK
LIVERS
NAVY (125 GA) PLEXIGLASS
P41 GR. A
NONE
POLISH SMOOTH
10-16-41
11-3-41
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME COVER PLATE-HOUSING -SUMP PUMP- HYDR. SYS.
C.A.C. GOOD YEAR
OPP. HAND
DWG.
A
SIZE
32F5749
R

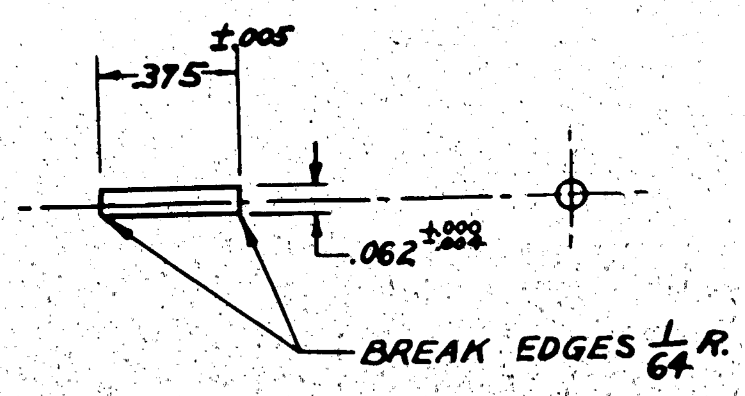

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
CUT OUT TO DIM'S. SHOWN
5/32 DRILL - 11 HOLES
2 1/2
1 3/4
1/2 R
21/32
13/16
SYM. ℄
1 5/16
1 5/8
9/16
1/8 R. OPTIONAL (4 CORNERS)
3/32
31/32
5/8
31/32
11/32
5/32
3 5/16
PURCHASE TO DWG. WITH 32F5735
*PB2Y-3 LAST 54 SHIPS CONTRACT #78903
REMOVE ALL BURRS.
#2610N
S.O. 829-18
*PB2Y-3 32F5735 1
B24D B3252 32F5735 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
KLEIN 12-12-41
APPROVED H. OWEN DATE
CALC. WT. .08
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT. J.F.R.
PARTS LIST PER ASSY.
AC (093) CHR. MOLY SHT. 57-136-8 90000 TO 125000 PSI CADMIUM PLATE
NAVY (093) C MOLY SHT. 47S14 90000 TO 125000 PSI. CAD PLATE
MATERIAL
SPEC.
HEAT TREAT
FINISH
FRANCH
SOVILLE
KIRK
LIVERS
10-16-41
11/3/41
G. AGNEW
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME
REINF. PLATE - COVER PLATE - SUMP PUMP - HYD SYS
OPP. HAND
DWG. A
32F5750
R C.A.C GOODYEAR



SUPPLIES & EQUIPMENT CLASSIFICATION
[redacted]
LET
ALTERATION
DATE
BY
5/32 HOLE (11 HOLES)
1/8 R (11 PLACES)
CUT OUT TO DIMS. SHOWN.
3/32 R
3/32 R
SYM. ℄
21/32
9/32
9/16
1 5/16
1 19/32
3/32
31/32
5/8
31/32
11/32
9/64
3 9/32
PURCHASE TO DWG WITH 32F5735
+PB2Y-3 LAST 54 SHIPS CONTRACT #78903
#2640N
S.O. 829-18
PB2Y-3 32F5735 2
B24D 32F5735 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
[redacted]
KLEIN 12-12-41
APPROVED
DATE
.003
CALC WT.
ACT WT
SCALE 12"=1'-0"
AC VELLUMOID .015
NAVY " (.015)
MATERIAL
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.
STAMP PT No WHERE SHOWN
O.H.
MODEL
NEXT ASSY
REQ.
ST'D PARTS
LH RH REQ
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT. J.F.R.
PARTS LIST PER ASSY.
COMM.
NONE
NONE
COMM.
NONE
NONE
SPEC
HEAT TREAT
FINISH
FRANCIS
SOVILLE
KIRK
LIVERS
10/16/41
11/3/41
G. AGNEW
DRAFT
CHECK
EXAM.
ENG.
OPP HAND
NAME GASKET - COVER PLATE - SUMP PUMP - HYD SYS.
DWG. A SIZE
32F5751
R
CAC
GOODYEAR



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
THIS CORNER TO BE SHARP FOR BALL SEAT
29/32
13/16
€.312 +.005 -.000 DIA.
.375 DIA.
5/32 DRILL THRU.
€.436 +.0000 -.0005 DIA.
1/16 DRILL - 3 HOLES THRU.
1/32
.062 +.005 -.000
3/32
11/32
ACTUAL SIZE
PURCHASE TO DWG WITH 32F5735
4. FINISH - COAT WITH NEUTRAL GREASE FOR PROTECTION PRIOR TO ASSEMBLY.
3. ALL DIA. MARKED THUS (€) TO BE CONCENTRIC WITHIN ±.002.
2. ALL UNSPECIFIED RADII .010 (MAX) R. BREAK SHARP CORNERS .010 R.
NOTES: FINISH. 1. f_4 INDICATES SMOOTH MACH. f_5 INDICATES POLISH FINISH.
*LAST 54 SHIPS PB2Y3 CONTRACT #78903 #26 ON
S.O. 829-18
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
KLEIN OWEN 11-18-41
APPROVED DATE
*PB2Y-3 32F5735 1
PB2Y(?)-253 32F5735 1
CALC. WT. ACT. WT. O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 24" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT. J.F.R.
PARTS LIST PER ASSY
AC C. MOLY ROD 57-107-1 90000 TO 125000 NOTED
NAVY C. MOLY ROD 46S23 90000 TO 125000 NOTED
MATERIAL SPEC. HEAT TREAT FINISH
ROGERS SAWLLE KIRK LIVERS
10-14-41 11-3-41 AGNEW
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME PISTON - SUMP PUMP - HYDRAULIC SYST.
OPP. HAND
DWG. A 32F5752
C.A.C. GOODYEAR R



PURCHASE TO DWG. WITH 32F5735

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

*LAST 54 SHIPS CONTRACT #78903

#26404 S.O. 829-18

O.H.	MODEL	NEXT ASSY	REQ.
	PB2Y-3	32F5735	1
	PB2Y-3-2	32F5735	1

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

PARTS LIST PER ASSY

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010

KLEIN 12-11-41 APPROVED L.H. OWEN DATE

CALC. WT. .001 | ACT WT.

SCALE 24"=1'0"

MAT. J.F.R.

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC CHR. MOLY ROD	57-107-19	90000 TO 125000 P.S.I.	CADMIUM PLATE
NAVY C. MOLY ROD	46S23	90,000 TO 125000 P.S.I.	CAD. PLATE

DRAFT	CHECK	EXAM	ENG.
A. FRANCON	SAVILLE	KIRK	LIVERS
10-16-41	11-3-41		G. AGNEW

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

STAMP PT. No. WHERE SHOWN

NAME PISTON PIN-PLUNGER -SUMP PUMP-HYDR. SYS.

OPP HAND

DWG. A 32F5753

C.A.C. GOODYEAR

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

.930 FREE LENGTH

.390 TO SUPPORT .114 ±.002 *

.300 TO SUPPORT .134 ±.002 *

$\frac{7}{32}$ O.D.

.130 MAX. SOLID LENGTH

ENDS TO BE CLOSED AND GROUND SQUARE.

PURCHASE TO DWG WITH 32F5736

* PB2Y-3 LAST 54 SHIPS CONTRACT #78903

#16404

S.O. 82918

O.H.	MODEL	NEXT ASSY	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	*PB2Y-3	32F5735	2						
	32(XP)B3Y-2	32F5735	2						

REQUIREMENTS PER AIRPLANE — MAT. J.F.R. — PARTS LIST PER ASS'Y

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/64

KLEIN / T.H. OWEN APPROVED — DATE 12-17-41

CALC. WT. .001 — ACT. WT.

SCALE 24" = 1'0"

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC	PHOS. BRONZE WIRE	QQ-W-401	NONE	NONE
NAVY	PHOS. BRONZE WIRE	22W5	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
FRANCHI	SAVILLE	KIRK	LIVERS
10-16-41	11-3-41		GAGNEW

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF

STAMP PT No WHERE SHOWN

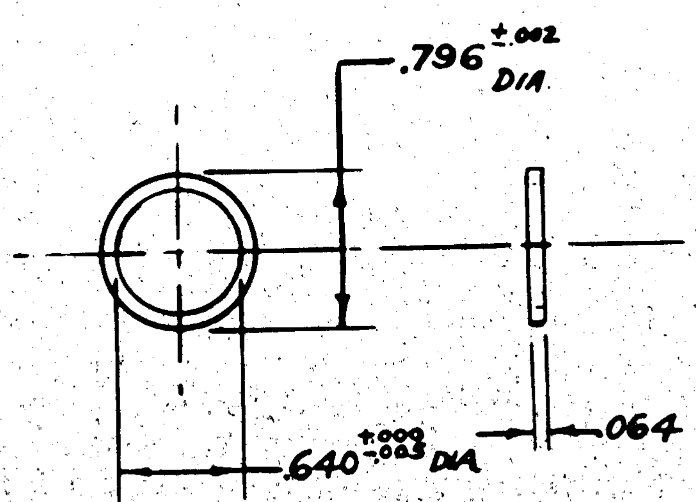
NAME: SPRING-PISTON-END PLUG-HYDR. SYSTEM

OPP HAND

DWG. A 32F5756

C.A.C. GOODYEAR

SUPPLIES & EQUIPMENT CLASSIFICATION	[redacted]		
LET	ALTERATION	DATE	BY



PURCHASE TO DWG WITH 32F5735

REMOVE ALL BURRS.

*PB2Y-3 LAST 54 SHIPS CONTRACT #78903

#2610M

S.O. 829-18

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	*PB2Y-3	32F5735	1						
	P2Y-3	32F5735	1						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	±.010

APPROVED: Klein 12-17-41 — OWG DATE

CALC. WT.	ACT. WT.
.001	

SCALE 12" = 1'-0"

MAT. JFR.

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC ALCOA 25O (.064)	57-151-1 TEMPER A	NONE	NONE
NAVY ALCOA 25O (.064)	47A2 TEMPER A	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
Frandsen 10-16-41	Smiley 11-3-41	Vick	LIVERS GAGNEW

OPP. HAND

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME: GASKET-PISTON PLUG SUMP PUMP-HYDR SYS.

DWG. A SIZE 32F5757

R C.A.C GOODYEAR

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

3/32

7/32 MIN.

3/64 R

39/64

PURCHASE TO DWG. WITH 32F5735

PB2Y-3 LAST 54 SHIPS CONTRACT #28903

#2640M S.O. 829-18

O.H.	MODEL	NEXT ASSY	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PB2Y-3	32F5735	1						
	82403-252	32F5735	1						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

[redacted]

APPROVED KLEIN DATE 12-18-41

CALC WT .001

SCALE 24" = 1' 0"

MAT. JER.

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC .040 MUSIC WIRE	AN QQ W441	NONE	NONE
NAVY .040 MUSIC WIRE		NONE	NONE

DRAFT	CHECK	EXAM	ENG.
FRANCAI 10/16/41	SOVILLE	KIRK	LIVERS GAGNEY

OPP HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

STAMP PT No. WHERE SHOWN

SNAP RING-PACKING RETAINER - SUMP PUMP - HYDR. SYS.

DWG. SIZE A

32F5759

GOODYEAR CAC R

SUPPLIES & EQUIPMENT CLASSIFICATION	[redacted]		
LET	ALTERATION	DATE	BY

ACTUAL SIZE

THIS EDGE TO BE SHARP FOR BALL SEAT

3/16

1/16

1/16 (SCREW DRIVER SLOT.)

TH'D. 7/16-20 NF3
P.D. .4050 +.0000 -.0026
TURN DIA .4375 / .4355 D.

DRILL 5/32 THRU.

PURCHASE TO DWG. WITH 32F5785

FINISH - COAT WITH NEUTRAL GREASE.

#2640N

S.O. 829-18

*LAST 54 SHIPS OF CONTRACT # 78903 PB2Y-3

O.H.	MODEL	NEXT ASSY	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	*PB2Y-3	32F5735	1						
	B24D 28-262	32F5735	1						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted]

KLEIN 12-18-41
APPROVED H. OWEN DATE

CALC. WT. .008 — ACT. WT

SCALE 24" = 1'0" & NOTED.

MAT. J.F.R.

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC	CHR. MOLY ROD	57-107-19	90,000 TO 125,000 PSI	NOTED
NAVY	CHR. MOLY ROD.	46S23	90,000 TO 125,000 PSI	NOTED

DRAFT	CHECK	EXAM.	ENG.
FRANCH 10-16-41	SAVILLE 11-3-41	KIRK	LINERS G. AGNEW

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO CALIF

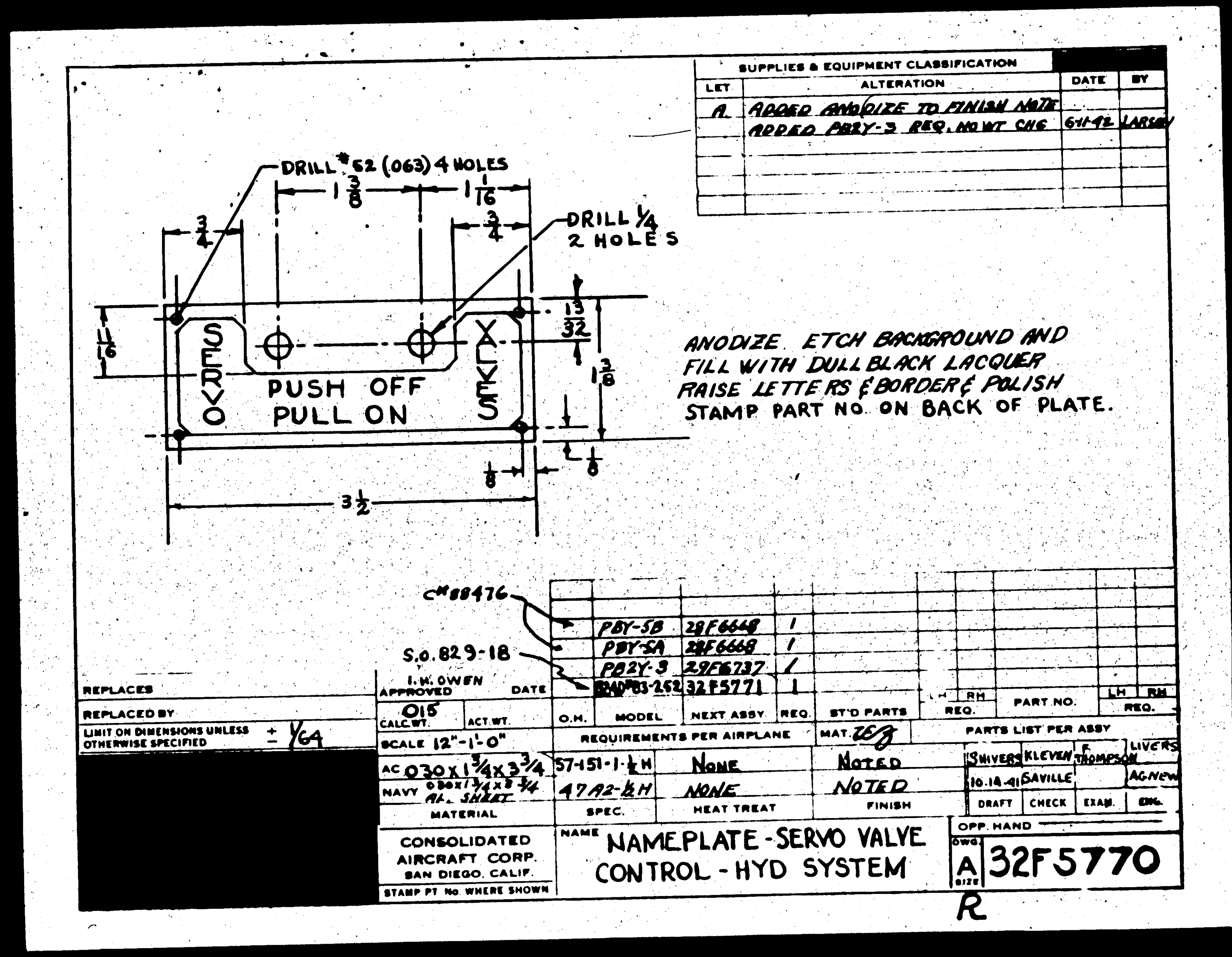
STAMP PT. No. WHERE SHOWN

NAME RETAINER-END PLUG — SUMP PUMP - HYDR. SYS.

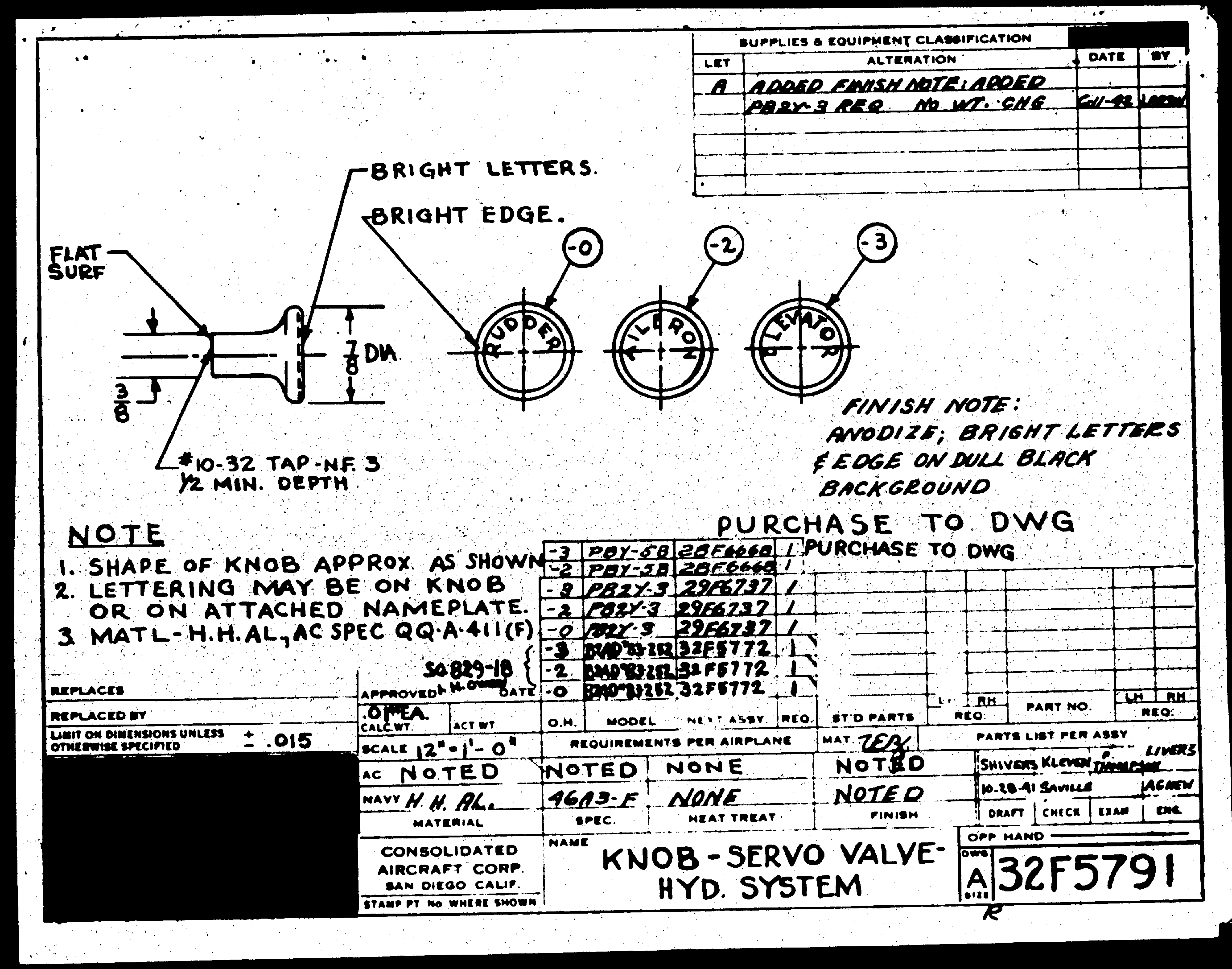
GOODYEAR C.A.C.

OPP HAND

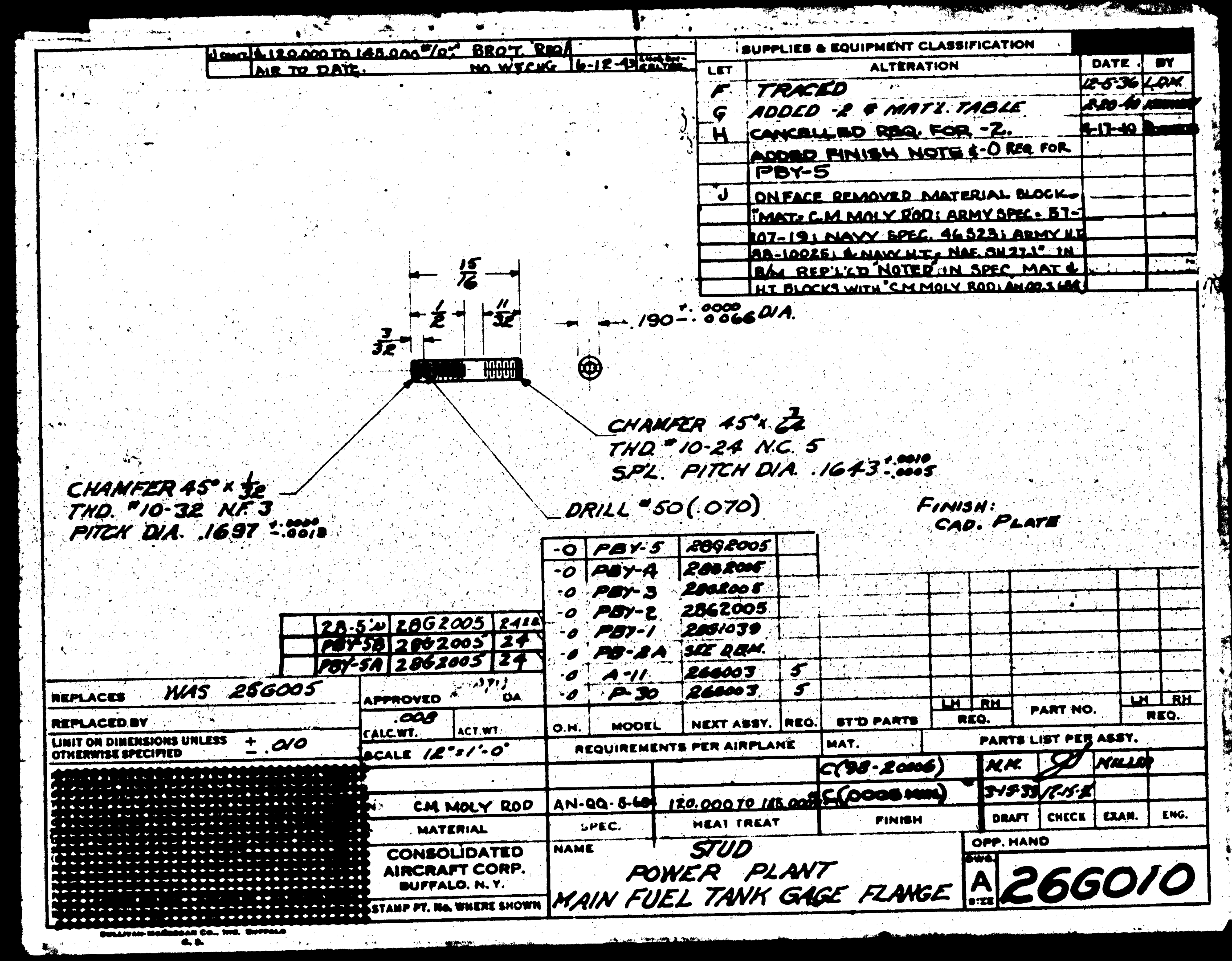
DWG. SIZE A 32F5760



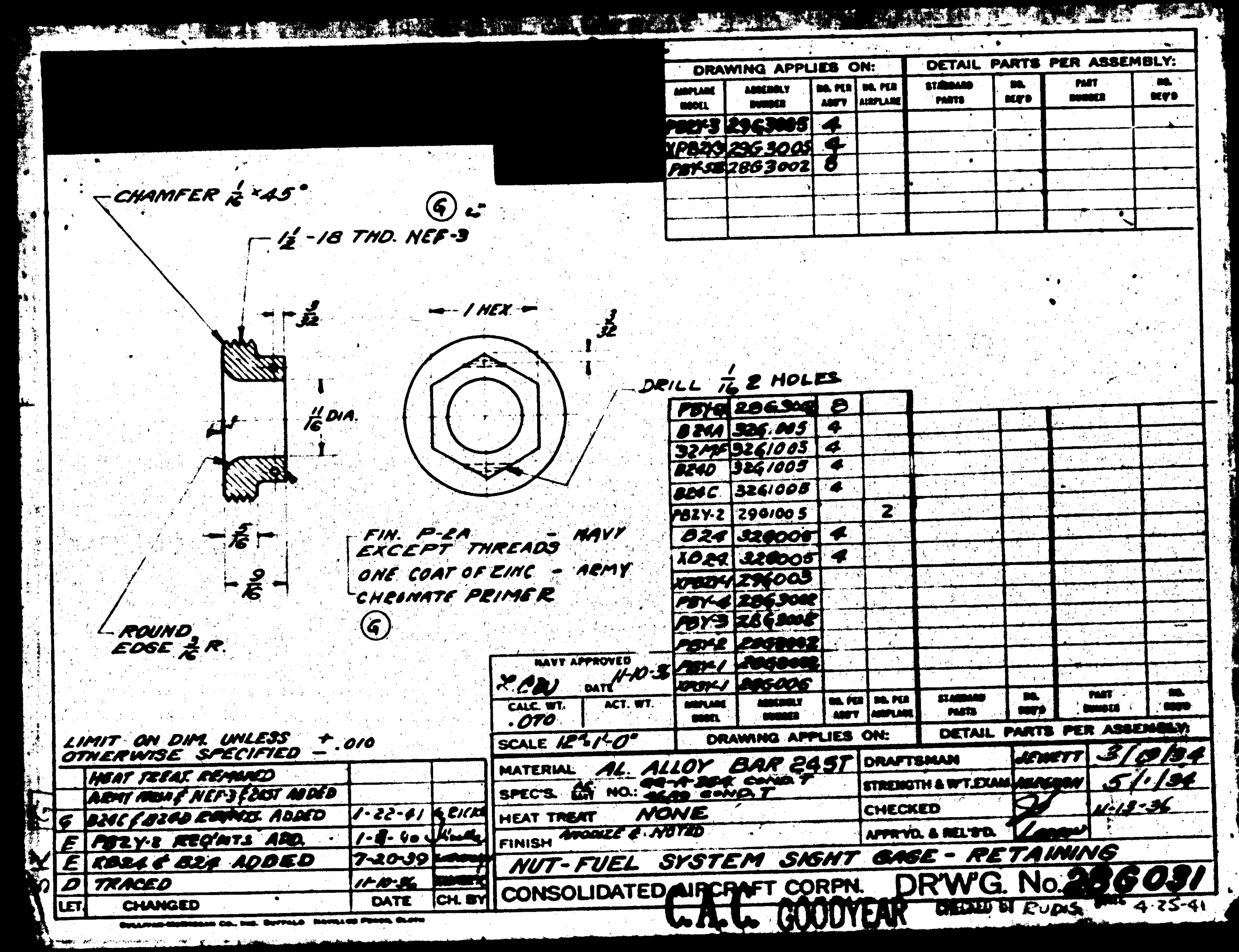
SUPPLIES & EQUIPMENT CLASSIFICATION
[redacted]
LET
ALTERATION
DATE
BY
A
ADDED ANODIZE TO FINISH NOTE
ADDED PB2Y-3 REQ. NO WT CHG
6-1-42
LARSEN
DRILL #52 (.063) 4 HOLES
1 3/8
1 1/16
3/4
3/4
DRILL 1/4
2 HOLES
11/16
13/32
1 3/8
1/8
1/8
3 1/2
SERVO
PUSH OFF
PULL ON
X-LKS
ANODIZE ETCH BACKGROUND AND
FILL WITH DULL BLACK LACQUER
RAISE LETTERS & BORDER & POLISH
STAMP PART NO. ON BACK OF PLATE.
CH 88476
S.O. 829-18
PBY-5B
29F6668
1
PBY-5A
29F6668
1
PB2Y-3
29F6737
1
32F5771
1
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
[redacted]
I. W. OWEN
APPROVED
DATE
.015
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
SCALE 12"-1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY
AC .030 x 1 3/4 x 3 3/4
57-151-1-1/2H
NONE
NOTED
SHIVERS
KLEVEN
F. THOMPSON
LIVERS
NAVY .030 x 1 3/4 x 3 3/4 AL. SHEET
47A2-1/2H
NONE
NOTED
10-14-41
SAVILLE
AG NEW
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
NAMEPLATE - SERVO VALVE
CONTROL - HYD SYSTEM
DWG. SIZE A
32F5770
R



SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]
LET
ALTERATION
DATE
BY
A
ADDED FINISH NOTE: ADDED PB2Y-3 REQ NO WT. CHG
6-11-42
BRIGHT LETTERS.
BRIGHT EDGE.
FLAT SURF
7/8 DIA.
3/8
#10-32 TAP-N.F. 3
1/2 MIN. DEPTH
-0
-2
-3
RUDDER
AILERON
ELEVATOR
FINISH NOTE:
ANODIZE; BRIGHT LETTERS
& EDGE ON DULL BLACK
BACKGROUND
NOTE
1. SHAPE OF KNOB APPROX. AS SHOWN
2. LETTERING MAY BE ON KNOB
OR ON ATTACHED NAMEPLATE.
3 MATL-H.H.AL., AC SPEC QQ-A-411(F)
PURCHASE TO DWG
-3 PBY-5B 28F6668 1 PURCHASE TO DWG
-2 PBY-5B 28F6668 1
-3 PB2Y-3 29F6737 1
-2 PB2Y-3 29F6737 1
-0 PB2Y-3 29F6737 1
SA 829-18
-3 32F5772 1
-2 32F5772 1
-0 32F5772 1
REPLACES
APPROVED
DATE
REPLACED BY
.01 EA.
CALC. WT.
ACT WT
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
RH
REQ.
PART NO.
LH
RH
REQ.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY
AC NOTED
NOTED
NONE
NOTED
SHIVERS KLEVEN THOMPSON LIVERS
NAVY H. H. AL.
46A3-F
NONE
NOTED
10-28-41 SAVILLE AGNEW
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
OPP HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.
NAME
KNOB - SERVO VALVE - HYD. SYSTEM
DWG SIZE A
32F5791
R
STAMP PT No WHERE SHOWN



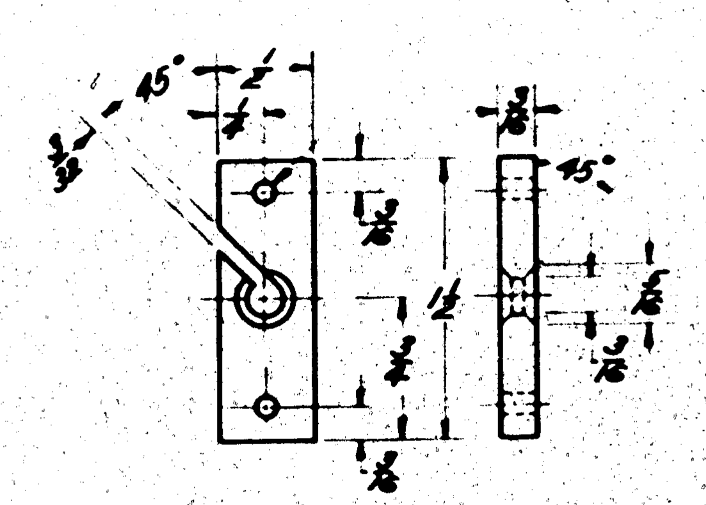
120,000 TO 145,000 #/□" BROT. REQ.
AIR TO DATE.
NO WECNG
6-12-43
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
F TRACED 12-5-36
G ADDED -2 & MAT'L. TABLE
H CANCELLED REQ. FOR -2.
ADDED FINISH NOTE & -0 REQ. FOR PBY-5
J ON FACE REMOVED MATERIAL BLOCK "MAT: C.M MOLY ROD; ARMY SPEC. 57-107-19; NAVY SPEC. 46S23; ARMY H.T. AA-10025; & NAVY H.T. NAE. SH27.1" IN B/M REP'L'CD NOTED IN SPEC MAT & H.T BLOCKS WITH "C.M MOLY ROD; AN-QQ-S-684"
15/16
1/2
11/32
3/32
.190 +.0000 -.0066 DIA.
CHAMFER 45° x 3/64
THD. #10-24 N.C. 5
SPL. PITCH DIA. .1643 +.0010 -.0005
CHAMFER 45° x 1/32
THD. #10-32 N.F. 3
PITCH DIA. .1697 +.0000 -.0018
DRILL #50 (.070)
FINISH:
CAD. PLATE
-0 PBY-5 28G2005
-0 PBY-A 28G2005
-0 PBY-3 28G2005
-0 PBY-2 28G2005
-0 PBY-1 28G1039
-0 PB-2A SEE DEM.
-0 A-11 26G003 5
-0 P-30 26G003 5
28-5A 28G2005 24
PBY-5B 28G2005 24
PBY-5A 28G2005 24
REPLACES WAS 26G005
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
CALC. WT. .008
ACT. WT.
SCALE 12"=1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
C(98-20006)
C(.0005 MIN)
C.M MOLY ROD
AN-QQ-S-684
120,000 TO 145,000
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
MILLER
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME STUD
POWER PLANT
MAIN FUEL TANK GAGE FLANGE
OPP. HAND
DWG. SIZE A
26G010



[redacted]
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
PBY-3 2963005 4
XPB2Y3 2963005 4
CHAMFER 1/16 × 45°
1 1/2 -18 THD. NEF-3
3/32
1 HEX.
3/32
11/16 DIA.
DRILL 1/16 2 HOLES
PBY-2 2901005 2
5/16
9/16
FIN. P-2A - NAVY
EXCEPT THREADS
ONE COAT OF ZINC - ARMY
CHROMATE PRIMER
ROUND EDGE 3/16 R.
NAVY APPROVED
DATE 11-10-36
CALC. WT. .070
ACT. WT.
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
SCALE 12"=1'-0"
LIMIT ON DIM. UNLESS OTHERWISE SPECIFIED ± .010
HEAT TREAT REMOVED
E PB2Y-2 REQ'MTS ADD. 1-8-40
E XB24 & B24 ADDED 7-20-39
D TRACED 11-10-36
LET. CHANGED DATE CH. BY
MATERIAL AL. ALLOY BAR 24ST
SPEC'S. NO.:
HEAT TREAT NONE
FINISH ANODIZE & NOTED
DRAFTSMAN JEWETT
STRENGTH & WT. EXAM.
CHECKED 11-13-36
APPR'VD. & REL'S'D.
NUT-FUEL SYSTEM SIGHT GAGE - RETAINING
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 286031
C.A.C. GOODYEAR
RUDIS 4-25-41

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D



DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5A	28G1010	2					
PBY-4	28G1010						
PBY-3	28G1010						
PBY-2	28G1010-1						
PBY-2	28G1010						
PBY-1	28G1010-1						
PBY-1	28G1010						
XP3Y-1	28G010-1						
XP3Y-1	28G010						

(C)

NAVY APPROVED RCBW 11-10-36 DATE

CALC. WT. .005 | ACT. WT.

SCALE 12"=1'-0"

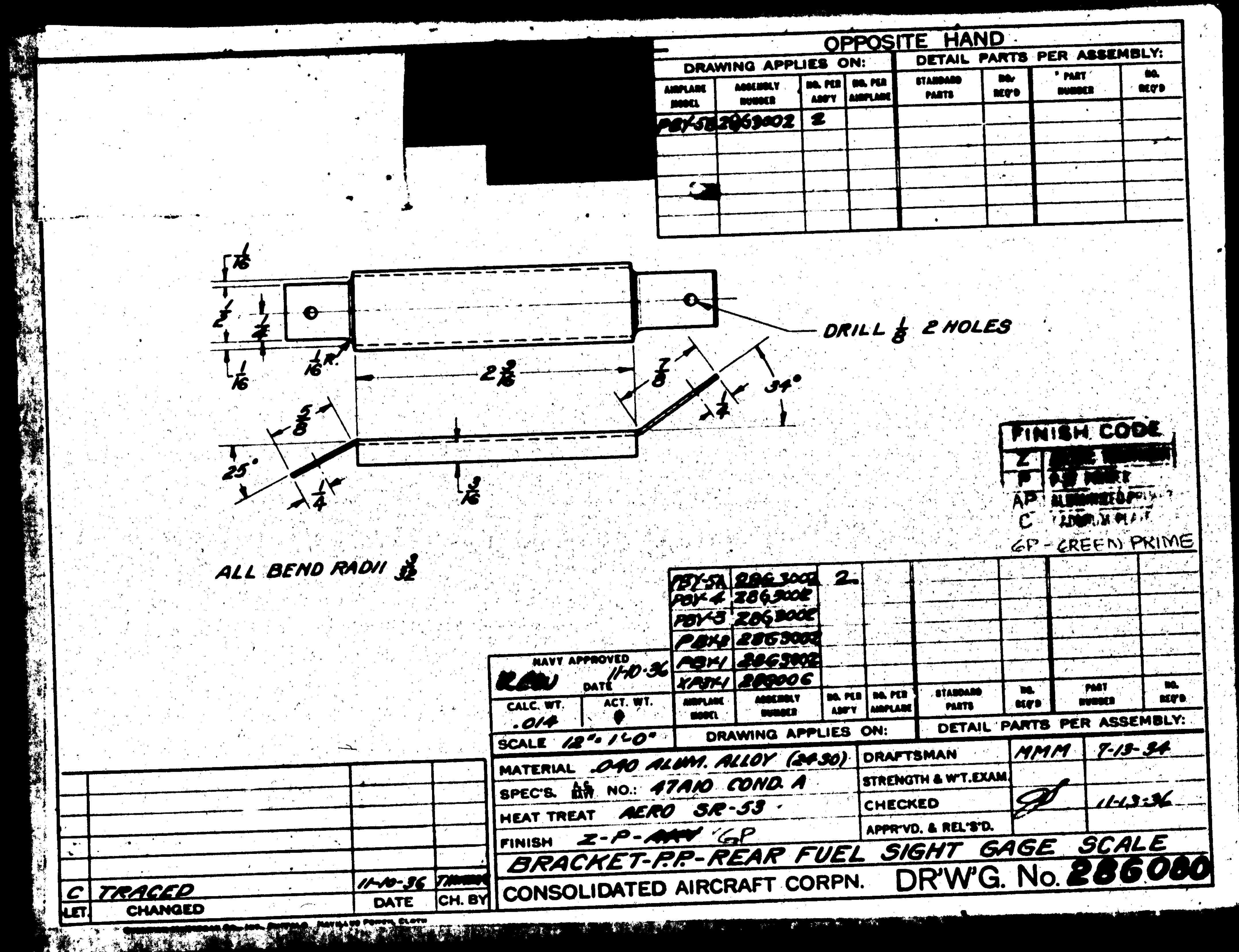
MATERIAL	PHENOLIC FAB. LAMINATED.
SPEC'S. NO.:	17P5 TYPE PBG (C)
HEAT TREAT	NONE
FINISH	NONE

DRAFTSMAN	[illegible]	6-22-36
STRENGTH & W'T. EXAM.		
CHECKED	[signature]	11-13-36
APPR'VD. & REL'S'D.		

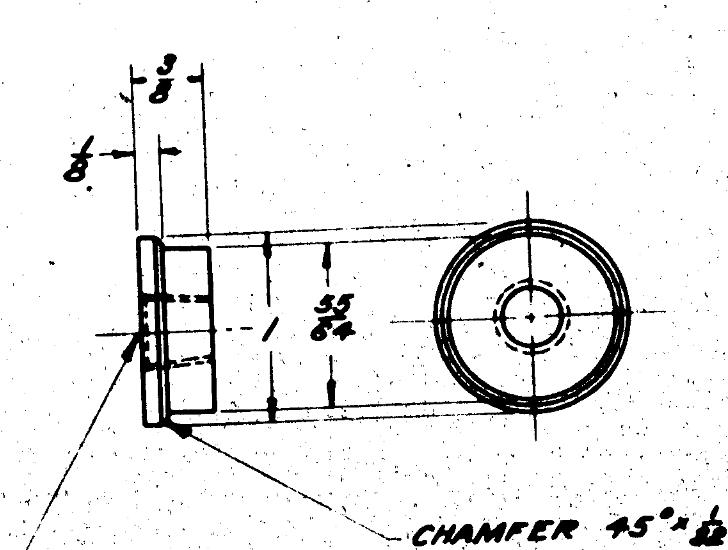
GUIDE-FUEL SYSTEM-DUMP VALVE CONTROL CABLE

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 28G079

LET.	CHANGED	DATE	CH. BY
C	ADDED PBY-3 & PBY-4 [illegible]	12-22-37	[illegible]
C	TYPE PBG WAS TYPE FBG	12-22-37	[illegible]
B	TRACED	11-10-36	[illegible]


OPPOSITE HAND
DRAWING APPLIES ON:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
PBY-5
2863002
2
DETAIL PARTS PER ASSEMBLY:
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
DRILL 1/8 2 HOLES
1/16
1/2
1/4
1/16 R.
2 3/16
7/8
34°
5/8
25°
1/4
3/16
ALL BEND RADII 3/32
FINISH CODE
Z
P
AP
C
GP - GREEN PRIME
PBY-5A 2863002 2
PBY-4 2863002
PBY-3 2863002
PBY-2 2863002
PBY-1 2863002
XPBY-1 286006
NAVY APPROVED
DATE 11-10-36
CALC. WT. .014
ACT. WT.
SCALE 12" = 1'-0"
MATERIAL .040 ALUM. ALLOY (24 SO)
SPEC'S. AC NO.: 47A10 COND. A
HEAT TREAT AERO SR-53
FINISH Z-P-GP
DRAFTSMAN MMM 9-19-34
STRENGTH & W'T. EXAM
CHECKED 11-13-36
APPR'VD. & REL'S'D.
BRACKET-P.P.-REAR FUEL SIGHT GAGE SCALE
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 286080
C TRACED 11-10-36
LET. CHANGED DATE CH. BY

LET	SUPPLIES & EQUIPMENT CLASSIFICATION — ALTERATION	DATE	BY
A	TRACED	11-10-36	[illegible]
B	SPEC. 46A10-T WAS 46A3H.H (WT. CHG. NEG.)	4-23-42	[illegible]



CHAMFER 45° x 1/32

DRILL 21/64
C'SINK 110° x 13/32
TAP 1/8 PIPE TH'D.
NAT'L. ST'D. TAPER
LIMITS ± ONE TH'D.
ON INSPECTION GAGE.

C 70496

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5AMN	28G1009	4
	PBY-5A	28G1009	4
	PBY-5	28G1009	4
	28-5MA	28G1009	4
	28-5MC	28G1009	4
	28-5ME	28G1009	4
	28-5MN	28G1009	4
	28-5AMC	28G1009	4

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED [illegible] DATE 11-10-36

CALC. WT. .036 — ACT. WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY ALUM. BAR	46A10-T	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
F. MULLIS	[illegible]	WATTS	[illegible]
11-10-36	11-8-36		

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

NAME PLUG-FUEL SYSTEM-FUEL PRESSURE GAGE SURGE CHAMBER

DWG. SIZE A 28G1008

STAMP PT. No. WHERE SHOWN

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	11-10-36	THURBER

28G1008 PLUG

3 1/4 REF.

3

-2 1 O.D. × .065 ALUM. TUBE SPEC. 44T19 H.H.

NOTE: PRESSURE TEST AT 10 LBS. MAX.

FINISH CODE
Z [redacted]
P [redacted]
AP [redacted]
C [redacted]
GP GREEN PRIME

WELD AS SHOWN

CONT. #70496-7713 & 88476-17052

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28G2002	2
	XPB2Y-1	29G001	
	PBY-4	28G2002	
	PBY-3	28G2002	
	PBY-2	28G2002	
	PBY-1	28G1007	
	XP3Y-1	28G1007	

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
			28G1008	2	
			28G1009	1	

PARTS LIST PER ASSY.

REQUIREMENTS PER AIRPLANE

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015

APPROVED: RCW DATE: 11-10-36

CALC. WT. .19 | ACT. WT.

SCALE 12" = 1'-0"

MAT.

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC				
NAVY	NOTED	NOTED	NONE	Z-P-2 ... GP

DRAFT	CHECK	EXAM.	ENG.
F. HOLLIS 11-10-36	11-13-36	WATTS	

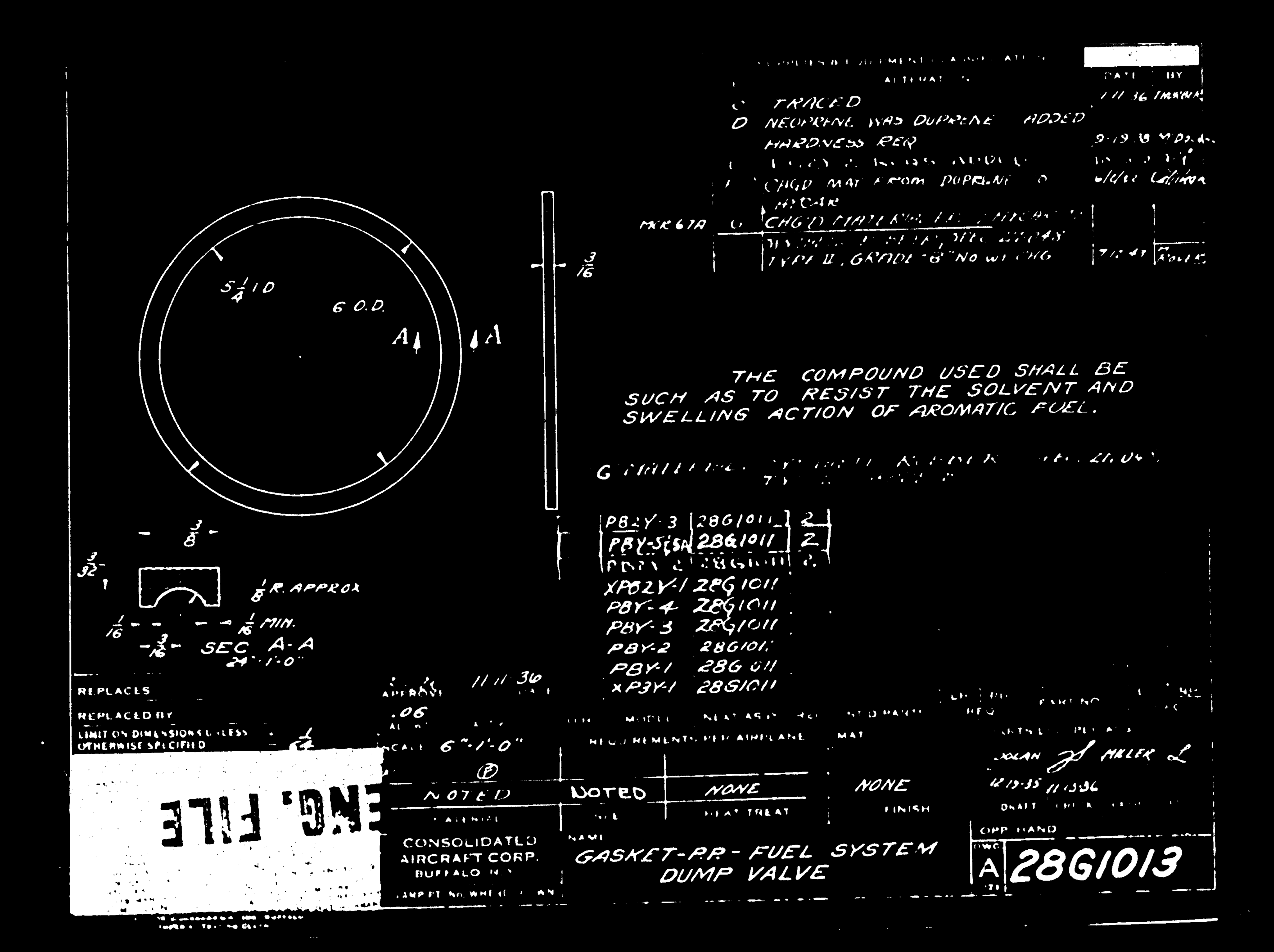
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

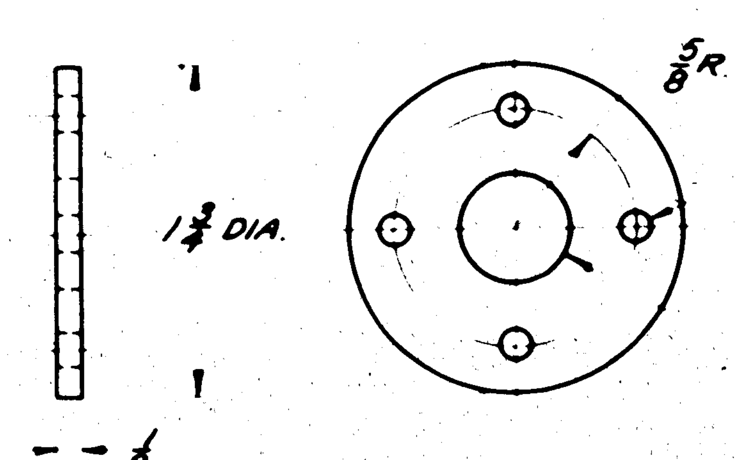
NAME: CHAMBER-FUEL SYSTEM-FUEL PRESSURE GAGE SURGE

DWG. SIZE A 28G1009



ALTERATIONS
DATE
BY
C TRACED
D NEOPRENE WAS DUPRENE ADDED HARDNESS REQ
9-19-38
F CHGD MAT FROM DUPRENE TO HYCAR
G CHGD MATERIAL
TYPE II, GRADE "B" NO WT CHG
5 1/4 I.D.
6 O.D.
A
A
3/16
THE COMPOUND USED SHALL BE SUCH AS TO RESIST THE SOLVENT AND SWELLING ACTION OF AROMATIC FUEL.
3/8
3/32
1/8 R. APPROX
1/16
1/16 MIN.
3/16
SEC A-A
24"-1'-0"
PB2Y-3 28G1011 2
PBY-5(5A) 28G1011 2
XPB2Y-1 28G1011
PBY-4 28G1011
PBY-3 28G1011
PBY-2 28G1011
PBY-1 28G1011
XP3Y-1 28G1011
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
11-11-36
.06
SCALE 6"-1'-0"
NOTED
NOTED
NONE
NONE
MATERIAL
HEAT TREAT
FINISH
REQUIREMENTS PER AIRPLANE
MODEL
NEXT ASSY
PART NO.
MAT
DRAFT
CHECK
12-19-35
11-13-36
ENG. FILE
CONSOLIDATED AIRCRAFT CORP.
BUFFALO N.Y.
NAME
GASKET-P.R.-FUEL SYSTEM DUMP VALVE
OPP HAND
DWG
A
28G1013

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	11-11-36	[illegible]
B	PB2Y-2 REQS ADDED	10-5-39	[illegible]



DRILL #10 (.193) 4 HOLES HOLES TO LINE UP WITH THOSE SHOWN ON 28G1012

DRILL 19/32

FINISH CODES
[redacted]

O.H.	MODEL	NEXT ASSY	REQ.
	PB2Y-3	28G1011	2
	PBY-5A	28G1011	2
	PB2Y-2	28G1011	2
	XPB2Y-1	28G1011	
	PBY-4	28G1011	
	PBY-3	28G1011	
	PBY-2	28G1011	
	PBY-1	28G1011	
	XP3Y-1	28G1011	

REQUIREMENTS PER AIRPLANE

ST'D PARTS — LH / RH REQ. — PART NO. — LH / RH REQ.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted]

APPROVED: XCW — DATE: 11-11-36

CALC. WT: .14 — ACT. WT:

SCALE 12" = 1'-0"

MAT.

AC

NAVY Al ALLOY SHEET — 17A10 COND. T — NONE — Z-P

MATERIAL — SPEC. — HEAT TREAT — FINISH

DRAFT	CHECK	EXAM.	ENG.
DOLAN 12-19-35	[illegible] 11-13-36	MILLER	L

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: PLATE - P.P. - FUEL SYSTEM DUMP VALVE

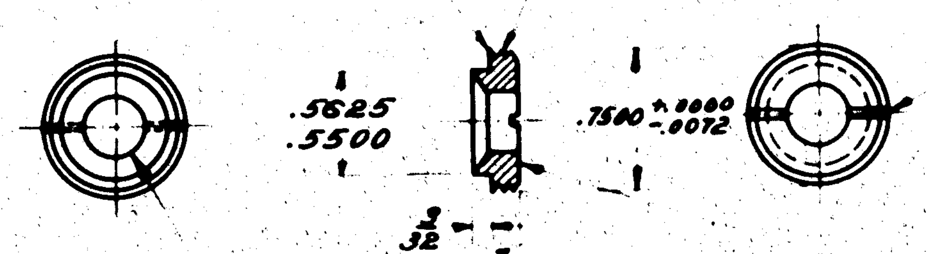
OPP. HAND

DWG. SIZE A — 28G1014

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	11-11-36	[illegible]
B	PB2Y-2 REQS ADDED	10-5-9	[illegible]
C	IN B/M SPEC WAS "AN-QQ-S-684" &		LINGEN-FELTER
	HEAT TREAT WAS "NAF. 8H-27-1." BRO'T	5-28-43	
	REQ'AIR TO DATE. NO WT CHG.		

CHAMFER $\frac{1}{64}$ × 45°

THREAD $\frac{3}{4}$ × 18 USF



SLOT $\frac{3}{64}$ ACROSS DIAMETER $\frac{3}{64}$ DEEP

FINISH THIS SURFACE ONLY WITH 2 GP

.3125 +.002 -.000 DIA.
C'SINK. 120° × $\frac{1}{16}$

GP GREEN PRIME

FIN[redacted]

Z
P
AF
C

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5 AMC	28G1011	2
	28-5 MC	28G1011	2
	PBY-5	28G1011	2

O.H.	MODEL	NEXT ASSY.	REQ.
	PB2Y-3	28G1011	2
	PBY-5A	28G1011	2
	PB2Y-2	28G1011	2
	XPB2Y-2	28G1011	
	PBY-4	28G1011	
	PBY-3	28G1011	
	PBY-2	28G1011	
	PBY-1	28G1011	
	XP3Y-1	28G1011	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
MAT.					

PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010

APPROVED: XCW DATE: 11-11-36

CALC. WT.: .02 ACT. WT.:

SCALE: 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM	ENG.
NAVY CHR. MOLY STEEL	AN-QQ-S-684	120,000 TO 145,000 #/□"	C & AS NOTED	DOLAN 12-10-35	[illegible] 11-13-36	MILLER	[illegible]

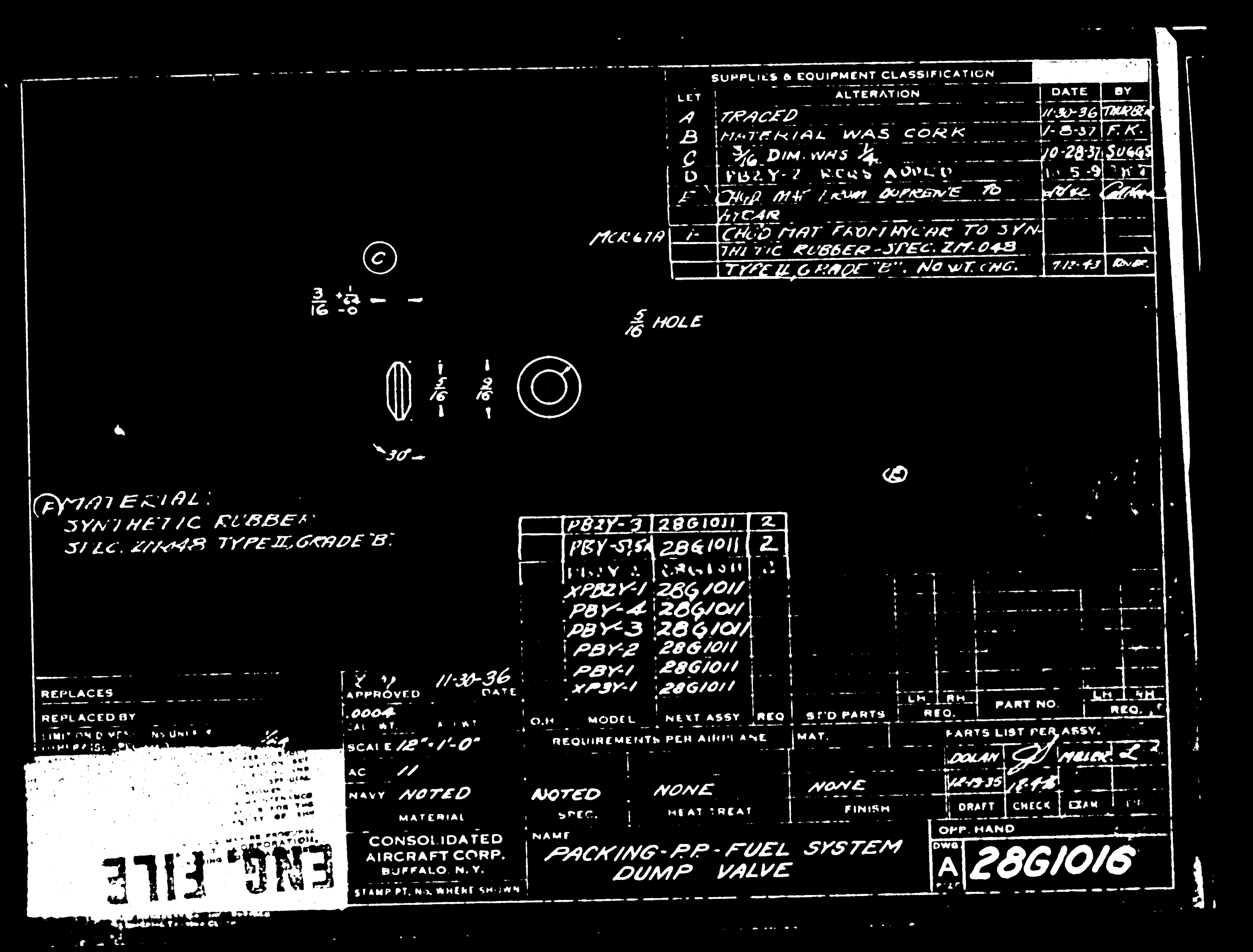
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

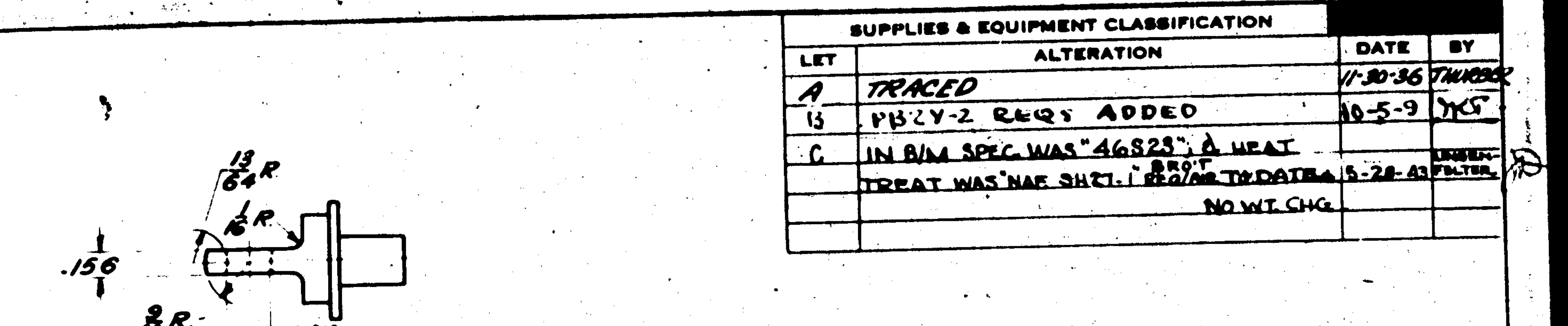
NAME: NUT-P.P.-FUEL SYSTEM DUMP VALVE-PACKING

OPP. HAND

DWG. SIZE: A 28G1015



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A TRACED 11-30-36 THURBER
B MATERIAL WAS CORK 1-8-37 F.K.
C 3/16 DIM. WAS 1/4 10-28-37 SUGGS
D PB2Y-2 REQS ADDED
E CHGD MAT FROM DUPRENE TO HYCAR
MCR 67A F CHGD MAT FROM HYCAR TO SYNTHETIC RUBBER-SPEC. ZM-048 TYPE II, GRADE "B". NO WT. CHG. 7-12-43
3/16 +1/64 -0
5/16 HOLE
5/16
9/16
30°
(F) MATERIAL:
SYNTHETIC RUBBER
SPEC. ZM-048 TYPE II, GRADE "B".
PB2Y-3 28G1011 2
PBY-5,5A 28G1011 2
XPB2Y-1 28G1011
PBY-4 28G1011
PBY-3 28G1011
PBY-2 28G1011
PBY-1 28G1011
XP3Y-1 28G1011
O.H. MODEL NEXT ASSY REQ
REQUIREMENTS PER AIRPLANE
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
APPROVED 11-30-36 DATE
.0004
CAL. WT.
SCALE 12" = 1'-0"
AC 11
NAVY NOTED
MATERIAL
NOTED
SPEC.
NONE
HEAT TREAT
MAT.
NONE
FINISH
DOLAN
12-13-35
DRAFT
CHECK
EXAM
OPP. HAND
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. NO. WHERE SHOWN
NAME
PACKING-P.P.-FUEL SYSTEM
DUMP VALVE
DWG
A
SIZE
28G1016
ENG. FILE



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	11-30-36	THURBER
B	PB2Y-2 REQS ADDED	10-5-9	KS
C	IN B/M SPEC WAS "46S23", & HEAT TREAT WAS "NAF SH21.1" BRO'T REQ/MR TO DATE NO WT. CHG.	5-28-43	LINSENFELTER

FINISH CODE

[redacted]

O.H.	MODEL	NEXT ASSY	REQ.
	28SAMC	28G1011	2
	28SMC	28G1011	2
	PBY-5	28G1011	2

O.H.	MODEL	NEXT ASSY.	REQ.
	PB2Y-3	28G1011	2
	PBY-5A	28G1011	2
	PB2Y-2	28G1011	2
	XPB2Y-1	28G1011	
	PBY-4	28G1011	
	PBY-3	28G1011	
	PBY-2	28G1011	
	PBY-1	28G1011	
	XP3Y-1	28G1011	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED: X.C.D.W. DATE: 11-30-36

CALC. WT.: .04 | ACT. WT.

SCALE: 12"-1'-0"

AC

NAVY: C. M. STEEL

MATERIAL

SPEC.	HEAT TREAT	FINISH
AN-QQ-S-684	120.000 TO 145.000 #/□"	C

DRAFT	CHECK	EXAM.	ENG.
DOLAN 12-13-35	12-4-36	MILLER	L

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: PIN - P.P. - FUEL SYSTEM DUMP VALVE - ADJUSTING

OPP. HAND

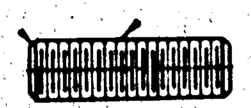
DWG. SIZE: A | 28G1017

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED	11-30-36	[illegible]
C.	PB2Y 2. REQS ADDED	10-5-[illegible]	[illegible]
D	IN B.M. REPLACED SPEC. "46S23" WITH "AN-QQ-S-684". IN H.T. BLOCK REPLACED "N.A.F. SH 27-1" WITH "120,000 TO 145,000#/□" (NO WT. CHG.)	6-9-43	KNIGHT

CHAMFER 1/32 × 45° BOTH ENDS

THREAD 5/16 × 24 N.F.-3 ENTIRE LENGTH



7/8

FINISH CODE	
Z	[illegible] TREATMENT
P	[illegible]
AP	[illegible] PRIMER
C	[illegible] PLATE

O.H.	MODEL	NEXT ASSY	REQ
	28-5AMC	28G1011	2
	28-5MC	28G1011	2
	PBY-6	28G1011	2
	PB2Y-3	28G1011	2
	PBY-5A	28G1011	2
	PB2Y-2	28G1011	2
	XPB2Y-1	28G1011	
	PBY-4	28G1011	
	PBY-3	28G1011	
	PBY-2	28G1011	
	PBY-1	28G1011	
	XP3Y-1	28G1011	

REQUIREMENTS PER AIRPLANE

ST D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

LEW APPROVED 11-30-36 DATE

.02 CALC. WT. | ACT. WT

SCALE 12" = 1'-0"

MAT

AC

NAVY C.M. STEEL — MATERIAL | AN-QQ-S-684 — SPEC | 120,000 TO 145,000#/□" — HEAT TREAT | C — FINISH

DRAFT	CHECK	EXAM	ENG.
DOLAN 12-19-36	[illegible] 12-4-36	MILLER	L

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: STUD-P.P.-FUEL SYSTEM DUMP VALVE

OPP. HAND

DWG. SIZE A — 28G1020

28G1020

SULLIVAN MCKEEGAN CO. INC. BUFFALO C. B.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-1-36	THURBER
B	PB2Y-2 REQ. ADDED	10-5-9	J.S.S.
C	47A8-T WAS 47A10-T	4-7-41	BASTRUP
	PB2Y-2 - NEXT ASSY 29G1003 WAS 28G1011	4-7-41	BASTRUP

E.O. A469 PBY-1 TO 5 PB2Y-2

5/32

3/4

5/16 R

- DRILL #10 (.193) 2 HOLES

FINISH CODE

Z	[illegible]
P	[illegible]
AP	[illegible]
C	[illegible]

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5AMC	28G1011	2
	28-5MC	28G1011	2
	PB2Y-3	28G1011	4
	PBY-5A	28G1011	4
	PBY-5	28G1011	4
	PB2Y-2	29G1003	2
	XPB2Y-1	29G1003	
	PBY-4	28G1011	
	PBY-3	28G1011	
	PBY-2	28G1011	
	PBY-1	28G1011	

REQUIREMENTS PER AIRPLANE

ST'D PARTS — MAT. — REQ. LH RH — PART NO. — REQ. LH RH

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED: LCW — DATE: 12-1-36

CALC. WT.: .012 — ACT. WT.

SCALE: 12"-1'-0"

AC

NAVY: AL. ALLOY SH'T. — MATERIAL

SPEC.: 47A8 COND. -T

HEAT TREAT: NONE

FINISH: Z-P

DRAFT	CHECK	EXAM.	ENG.
DOLAN 12-19-35	12-4-36	MILLER	L

OPP. HAND

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: LINK-P.P.-FUEL SYSTEM DUMP VALVE

DWG. SIZE: A — 28G1021

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-1-36	THURBER
B	PB2Y-2 REQ. ADDED	10-20-39	[illegible]
C.	IN B/M REPLACED SPEC. "46523" & "H.T. NONE";		
	WITH 'AN-QQ-S-684' & H.T. '65,000 TO		
	90,000 #/□"'. BR'T AIR/REQ'TS. TO DATE		
	NO. WT. CHG.	6-9-43	NOBLE

.4355 ± .000/.002 DIA.

1/4

120°

REAM .250 ± .001

INISH CODE

Z	[redacted]
P	
AP	
C	

(B)

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5AMC	28G1010	2
	28-5MC	28G1010	2
	PBY-5	28G1010	2
	PBY-5A	28G1010	2
	PB2Y-2	29G1003	2
	XPB2Y-1	29G029	
	PBY-4	28G1010	
	PBY-3	28G1010	
	PBY-2	28G1010	
	PBY-1	28G1010	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted]

LCW 12-1-36
APPROVED DATE

.007 CALC. WT. — ACT WT

SCALE 12" = 1'-0"

AC

	MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY	CR. MOLY. STEEL	AN-QQ-S-684	65,000 TO 90,000 #/□"	C

DRAFT	CHECK	EXAM	ENG.
BANROOK 12-18-35	[illegible] 12-4-36	MILLER	AA

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: BUSHING-FUEL SYSTEM DUMP VALVE GLAND PACKING

OPP. HAND

DWG. A SIZE 28G1029

SUPPLIES & EQUIPMENT CLASSIFICATION		[redacted]	
LET	ALTERATION	DATE	BY
A.	TRACED	12-1-36	THURBER
B	'F' DRILL WAS REAM .250 ± .001	1-31-38	[illegible]
C	ADDED PBY-3 & PBY-4 REQ'M'TS	"	"
D	PB2Y-2 REQ. ADDED	10-20-39	[illegible]
E	IN B/M, REPLACED SPEC. "46523, & H.T.		
	NORMALIZE" WITH "AN-QQ-S-684 & H.T.		
	90,000 TO 125,000 #/□" " BR'T. AIR/REQ'N		
	TO DATE. (NO. WT. CHG.)	6-1-43	NOBLE

(B)

DRILL 'F' (.257)

$\frac{7}{8}$ HEX.

.750 DIA.

$\frac{7}{16}$

$\frac{1}{16}$

TAP $\frac{3}{4}$-16 N.F.3

GP-GREEN PRIME

FINISH CODE	
Z	[redacted]
P	
A	
C	

(D)

O.H.	MODEL	NEXT ASSY.	REQ.
	OA-10	28G1010	2
	28-5AMC	28G1010	2
	28-5MC	28G1010	2
	PBY-5	28G1010	2
	PBY-5A	28G1010	2
	PB2Y-2	29G1003	2
	XPB2Y-1	29G029	
	PBY-4	28G1010	
	PBY-3	28G1010	
	PBY-2	28G1010	
	PBY-1	28G1010	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[illegible] 12-1-36 APPROVED DATE

.03 CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY CH. MOLY. STEEL — MATERIAL

AN-QQ-S-684 — SPEC.

90,000 TO 125,000 #/□ — HEAT TREAT

C-P-2GP — FINISH

DRAFT	CHECK	EXAM.	ENG.
BOURNE 12-18-35	[illegible] 12-4-36	MILLER	AA

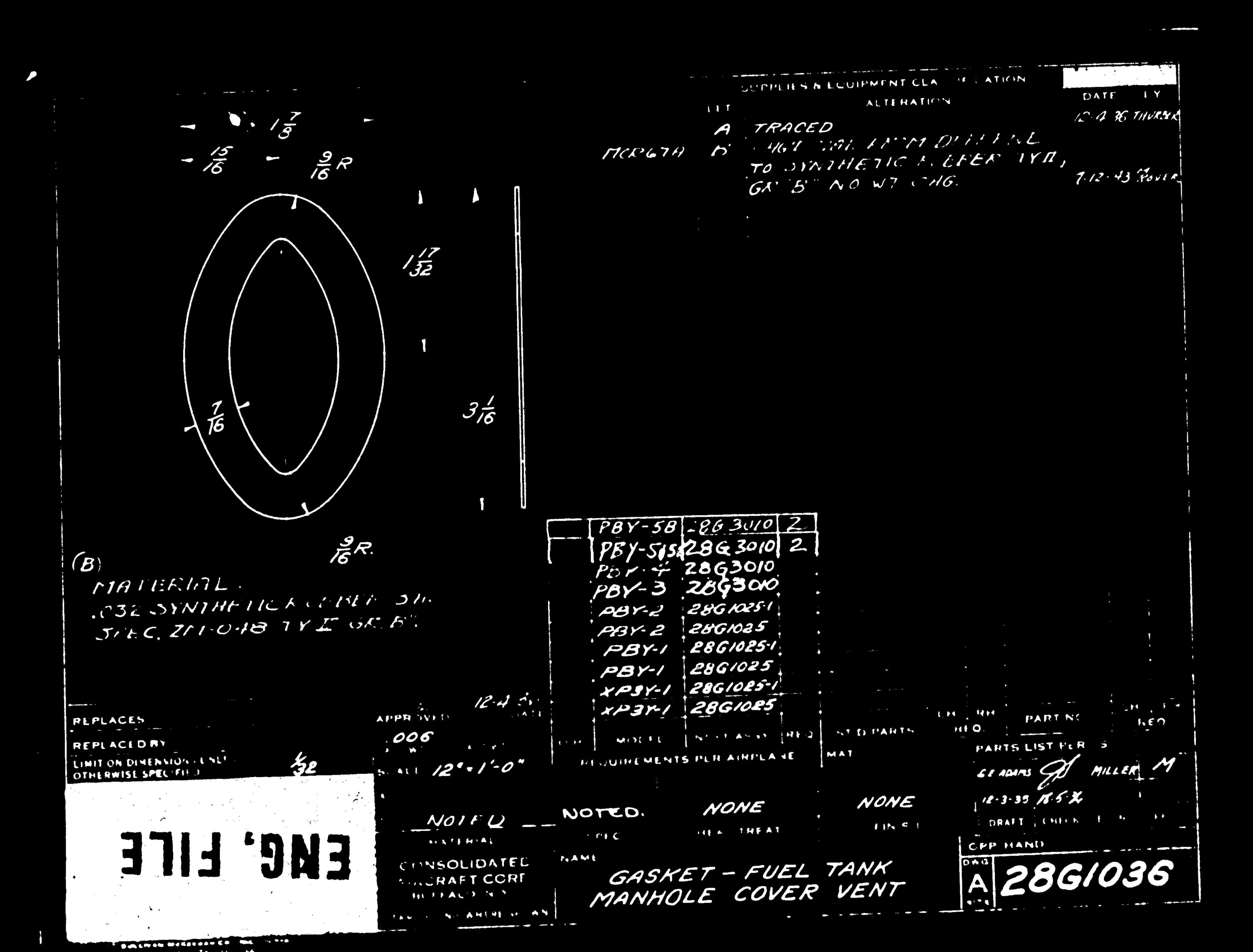
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

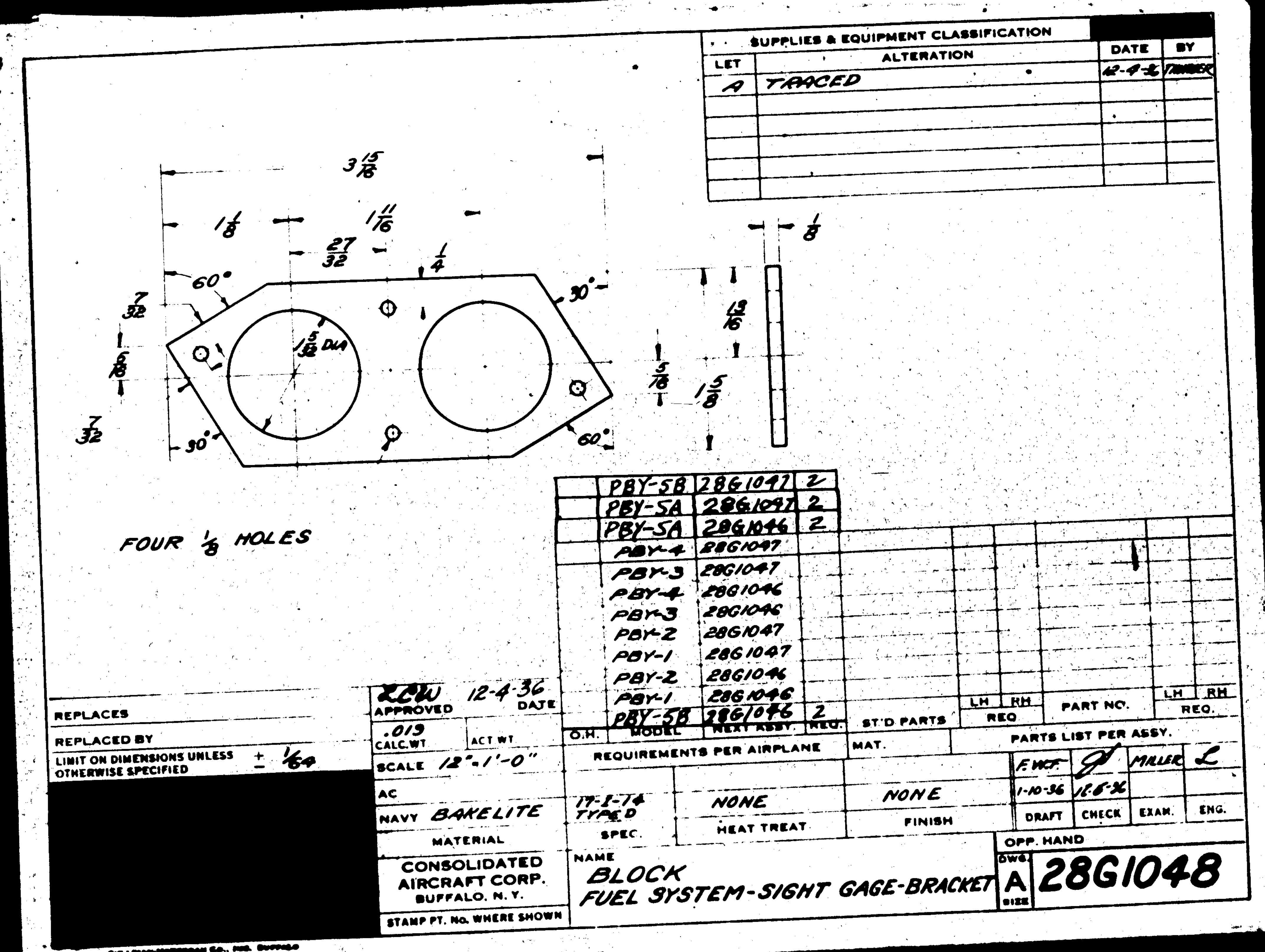
NAME: NUT - FUEL SYSTEM DUMP VALVE GLAND PACKING

OPP. HAND

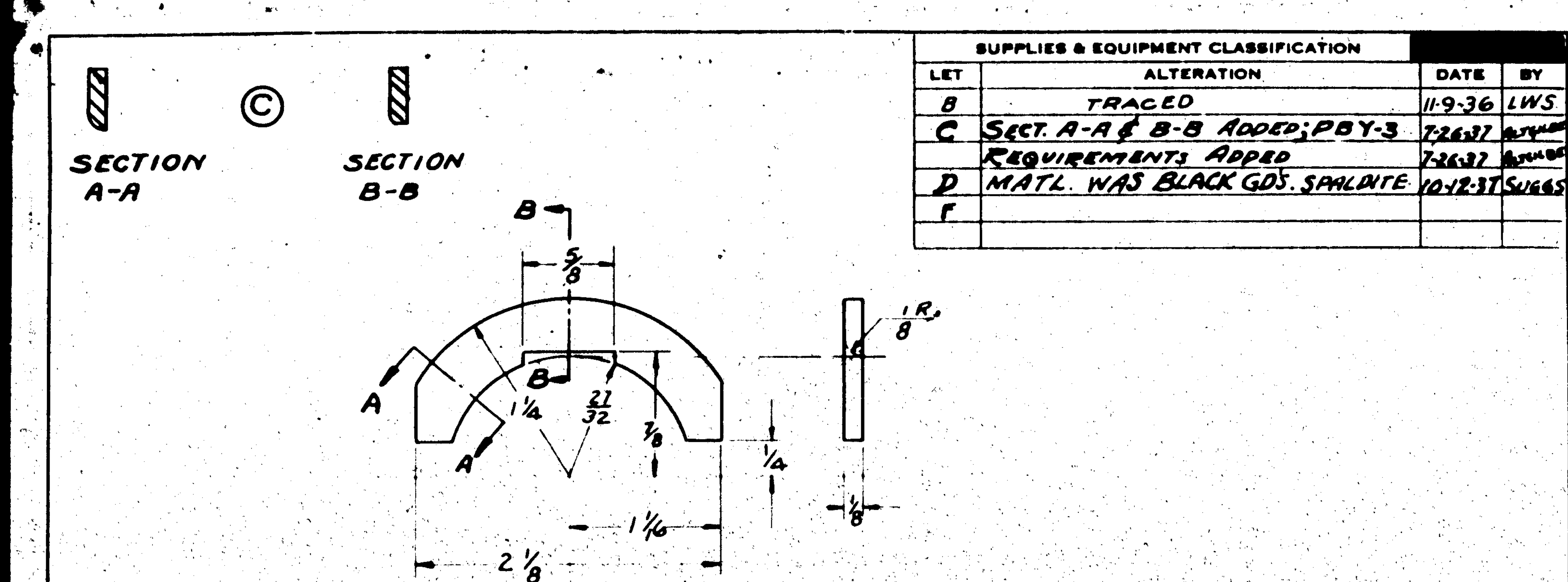
DWG. SIZE A — 28G1030



SUPPLIES & EQUIPMENT CLASSIFICATION
ALTERATION
DATE BY
A TRACED 12-4-36 THURBER
MCR 678 B CHG MAT FROM DUPRENE TO SYNTHETIC RUBBER TYPE II, GR "B" NO WT CHG. 7-12-43
1 7/8
15/16
9/16 R
1 17/32
3 1/16
7/16
9/16 R.
(B)
MATERIAL
.032 SYNTHETIC RUBBER SH.
SPEC. AN-R-18 TY II GR B
PBY-5B 28G3010 2
PBY-5(SA) 28G3010 2
PBY-4 28G3010
PBY-3 28G3010
PBY-2 28G1025-1
PBY-2 28G1025
PBY-1 28G1025-1
PBY-1 28G1025
XP3Y-1 28G1025-1
XP3Y-1 28G1025
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/32
APPROVED 12-4-36
.006
SCALE 12"=1'-0"
MODEL
NEXT ASSY
REQ
STD PARTS
REQUIREMENTS PER AIRPLANE
MAT
PART NO
REQ
PARTS LIST PER
GE ADAMS
MILLER
12-3-35
DRAFT
CHECK
ENG FILE
NOTED
NOTED.
NONE
NONE
MATERIAL
SPEC
HEAT TREAT
FINISH
CONSOLIDATED AIRCRAFT CORP
BUFFALO N.Y.
NAME
GASKET - FUEL TANK MANHOLE COVER VENT
OPP HAND
DWG A 28G1036



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
12-4-36
3 15/16
1 1/8
1 11/16
27/32
1/4
1/8
60°
30°
7/32
6/16
1 5/32 DIA
13/16
5/16
1 5/8
7/32
30°
60°
FOUR 1/8 HOLES
PBY-5B 28G1047 2
PBY-5A 28G1047 2
PBY-5A 28G1046 2
PBY-4 28G1047
PBY-3 28G1047
PBY-4 28G1046
PBY-3 28G1046
PBY-2 28G1047
PBY-1 28G1047
PBY-2 28G1046
PBY-1 28G1046
PBY-5B 28G1046 2
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS
LH
RH
REQ
PART NO.
LH
RH
REQ.
PARTS LIST PER ASSY.
MAT.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED
DATE
12-4-36
.019
CALC.WT
ACT.WT
SCALE 12"=1'-0"
AC
NAVY BAKELITE
MATERIAL
17-I-14 TYPE D
SPEC.
NONE
HEAT TREAT
NONE
FINISH
F.WCF.
MILLER
1-10-36
12-6-36
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
BLOCK
FUEL SYSTEM-SIGHT GAGE-BRACKET
DWG. SIZE A
28G1048



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	11-9-36	LWS
C	SECT. A-A & B-B ADDED; PBY-3	7-26-37	[illegible]
	REQUIREMENTS ADDED	7-26-37	[illegible]
D	MATL. WAS BLACK GDS. SPALDITE	10-12-37	SUGGS
F			

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28G1041	4
	PBY-5A	28G1091	4
	PBY-4	28G1041	
	PBY-3	28G1091	
	PBY-2	28G1041	
	PBY-1	28G1041	
	XP3Y-1	28G1041	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED LCW DATE 11-9-36

CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY PHENOLIC MATL. LAMINATED	(D) 17P5 GRADE F.B.G.	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
F.W.F 1-21-36	95 11-13-X		L

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: LOCK PAD - FUEL TANK DRAIN ELBOW

OPP. HAND

DWG. SIZE A — 28G1055

PART NO.	A
28G1059	25/64
28G1059-2	33/64

DRILL A

FLR #3269

E TRACED 12-5-36 LWM
F REMOVED PBY-2 ASSY. #28G2018 3-20-37 KEATING
G ADDED PBY-4 REQ'MTS.
SPEC. TYPE PBG WAS FBG
H 25/64 WAS 3/8. 33/64 WAS 1/2. #31(.120)-7/32 WAS 3/32. WT CHG. NEG. 12-3-42 W. ATER

1 1/4

#31(.120) DRILL CTSK 82° X 7/32
TWO HOLES

-0	PBY-5A	28G2002	S/A
-2	PBY-5A	28G2002	S/A
-2	PBY-3	28F2136	
-2	PBY-3	28G2002	
	PBY-3	28G2002	
-2	PBY-2	28F2136	
-2	PBY-2	28G2002	
	PBY-1	28G2002	
	PBY	28F1031	
		28F1031	
	PBY-1	28G1007	
	XP3Y-1	28G1007	
-2	PBY-5A	28F2136	2

FOR FURTHER RELEASES
SEE RELEASE SHEET

-2 PBY-5B 28F5555 2
12-5-36

.01

24" = 1'-0"

NAVY PHENOLIC MATERIAL TYPE PBG 17PS NONE NONE

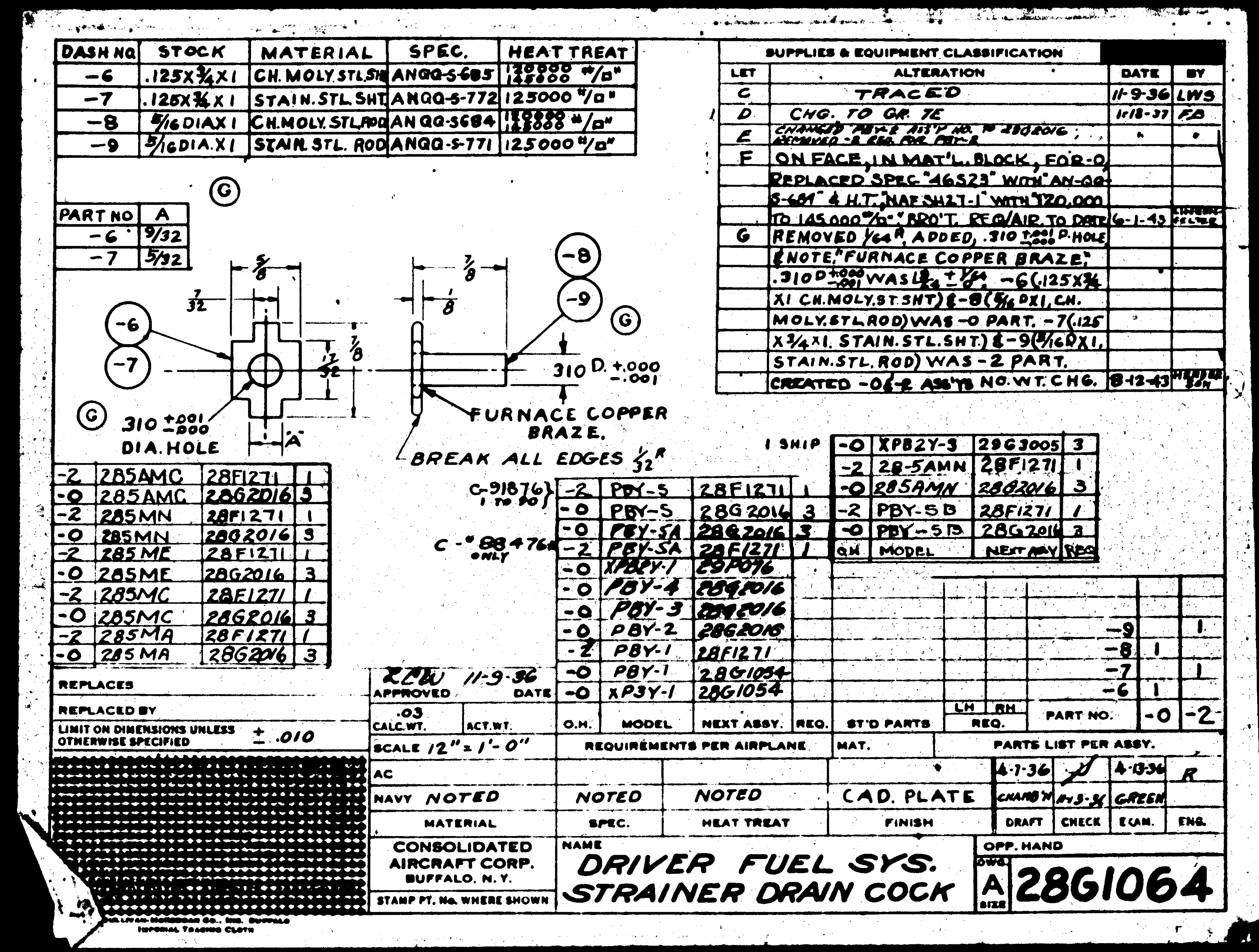
CHECKED ... MILLER
2-4-36
12-15-36

©

CONSOLIDATED AIRCRAFT

BEARING - FUEL SYSTEM
FUEL COCK HANDLE

A 28G1059



DASH NO.	STOCK	MATERIAL	SPEC.	HEAT TREAT
-6	.125X3/4X1	CH. MOLY. STL. SH	ANQQ-S-685	120000 145000 #/□"
-7	.125X3/4X1	STAIN. STL. SHT	ANQQ-S-772	125000 #/□"
-8	5/16 DIA X1	CH. MOLY. STL. ROD	ANQQ-S-684	120000 145000 #/□"
-9	5/16 DIA. X1	STAIN. STL. ROD	ANQQ-S-771	125000 #/□"

PART NO	A
-6	9/32
-7	5/32

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
C	TRACED	11-9-36	LWS
D	CHG. TO GR. 7E	1-18-37	FB
E	CHANGED PBY-2 ASS'Y NO. TO 28G2016; REMOVED -2 REQ. FOR PBY-2	"	"
F	ON FACE, IN MAT'L. BLOCK, FOR -0, REPLACED SPEC "46S23" WITH "AN-QQ-S-681" & H.T. "NAF SH27-1" WITH "120,000 TO 145,000 #/□" BRO'T. REQ/AIR. TO DATE	6-1-43	[illegible]
G	REMOVED 1/64 R, ADDED .310 +.001 -.000 D. HOLE & NOTE "FURNACE COPPER BRAZE", .310 D +.000 -.001 WAS 5/16 ± 1/64, -6 (.125X3/4 X1 CH. MOLY. ST. SHT) & -8 (5/16 DX1, CH. MOLY. STL. ROD) WAS -0 PART. -7 (.125 X3/4 X1. STAIN. STL. SHT.) & -9 (5/16 DX1, STAIN. STL. ROD) WAS -2 PART. CREATED -0 & -2 ASS'YS NO. WT. CHG.	8-12-43	[illegible]

-2	28SAMC	28F1271	1
-0	28SAMC	28G2016	3
-2	28SMN	28F1271	1
-0	28SMN	28G2016	3
-2	28SME	28F1271	1
-0	28SME	28G2016	3
-2	28SMC	28F1271	1
-0	28SMC	28G2016	3
-2	28SMA	28F1271	1
-0	28SMA	28G2016	3

O.H.	MODEL	NEXT ASSY.	REQ.
-0	XPB2Y-3	29G3005	3
-2	28-5AMN	28F1271	1
-0	28SAMN	28G2016	3
-2	PBY-5B	28F1271	1
-0	PBY-5B	28G2016	3
-2	PBY-5	28F1271	1
-0	PBY-5	28G2016	3
-0	PBY-5A	28G2016	3
-2	PBY-5A	28F1271	1
-0	XPB2Y-1	29P076	
-0	PBY-4	28G2016	
-0	PBY-3	28G2016	
-0	PBY-2	28G2016	
-2	PBY-1	28F1271	
-0	PBY-1	28G1054	
-0	XP3Y-1	28G1054	

ST'D PARTS	LH	RH	PART NO.	-0	-2
			-9		1
			-8	1	
			-7		1
			-6	1	

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED: ZCW — DATE: 11-9-36

CALC. WT.: .03 — ACT. WT.:

SCALE 12" = 1'-0"

	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC					4-1-36	[illegible]	4-13-36	R
NAVY	NOTED	NOTED	NOTED	CAD. PLATE	CHAMB'N	11-3-36	GREEN	

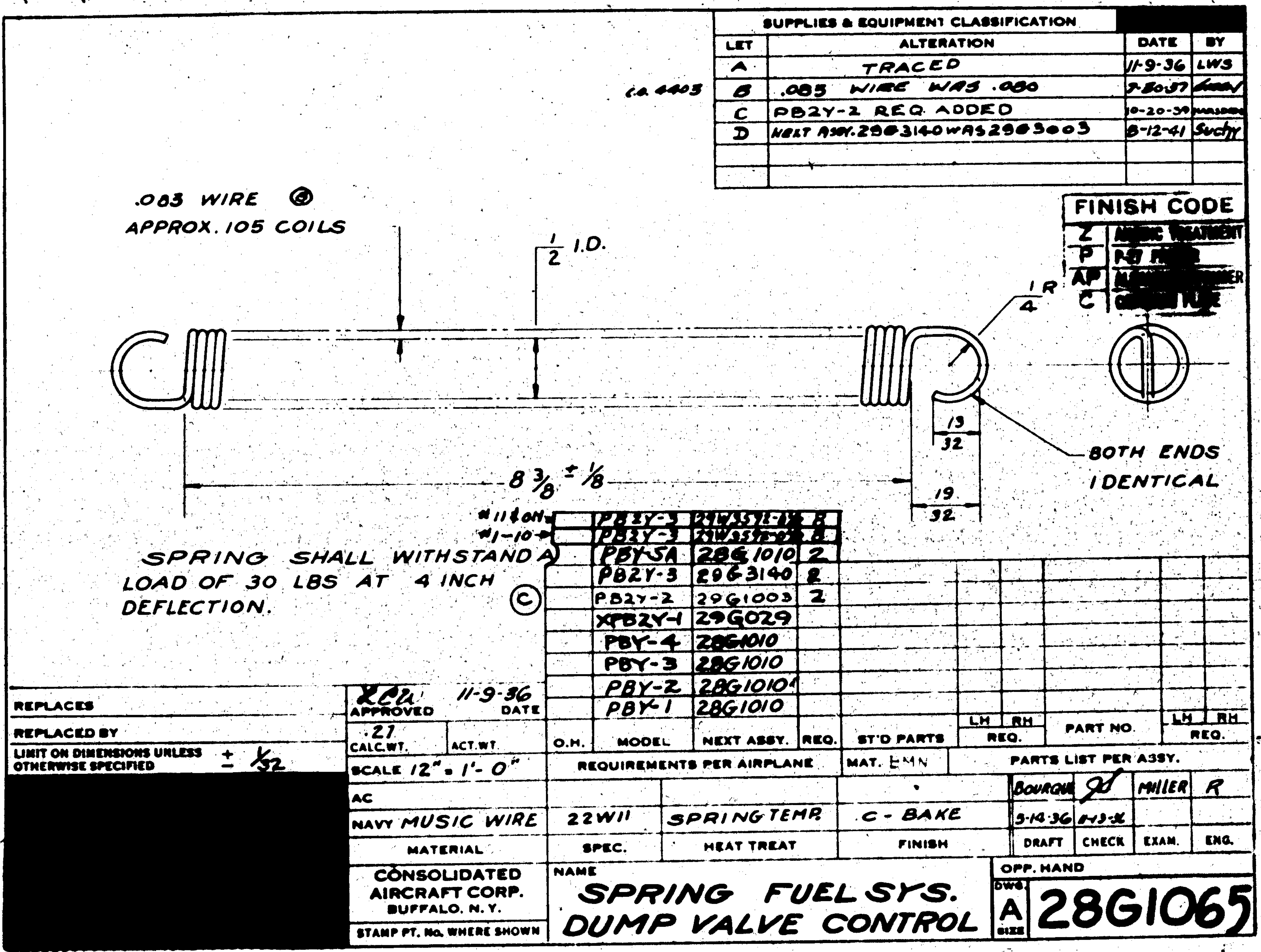
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

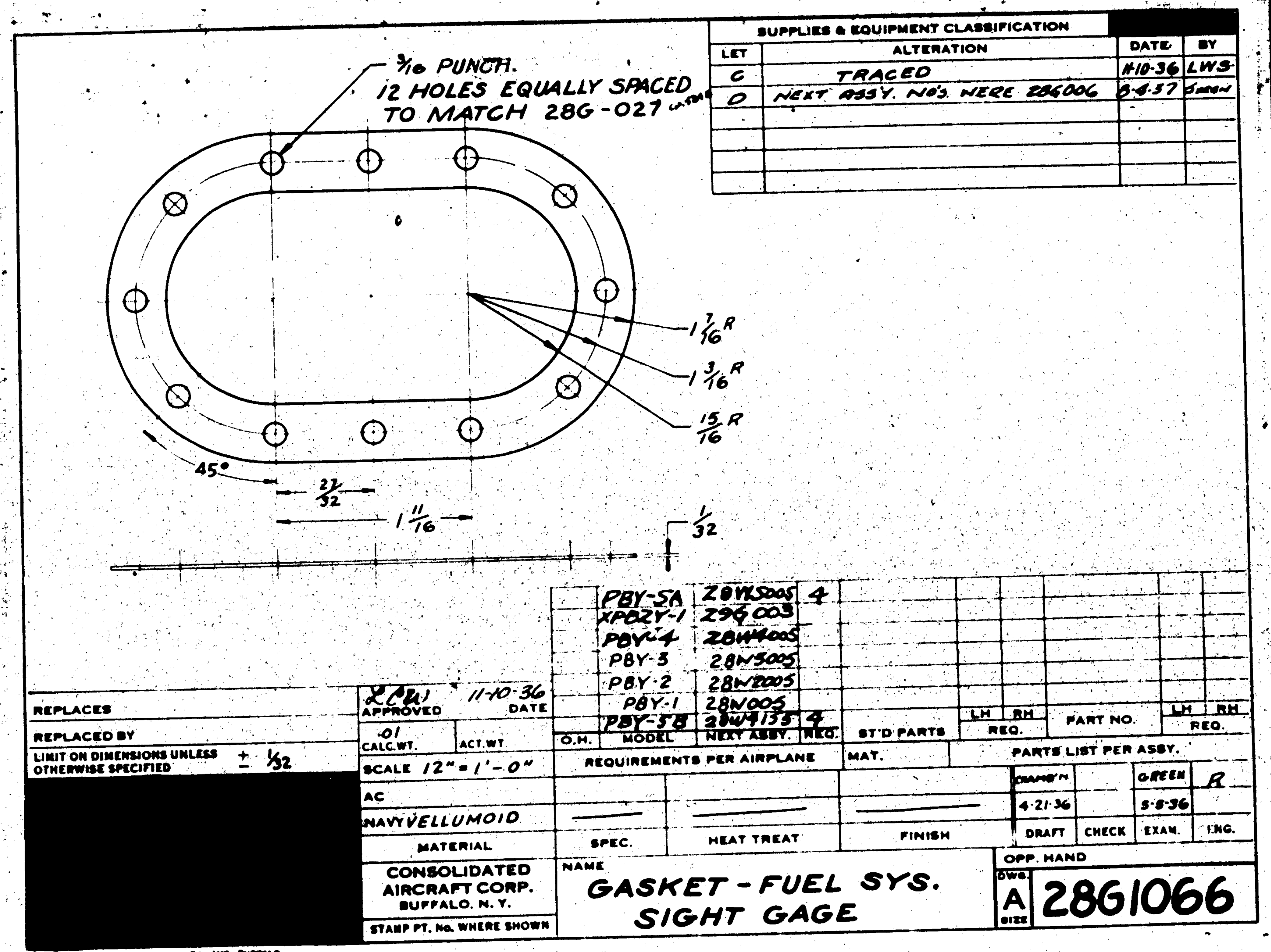
NAME: DRIVER FUEL SYS. STRAINER DRAIN COCK

OPP. HAND

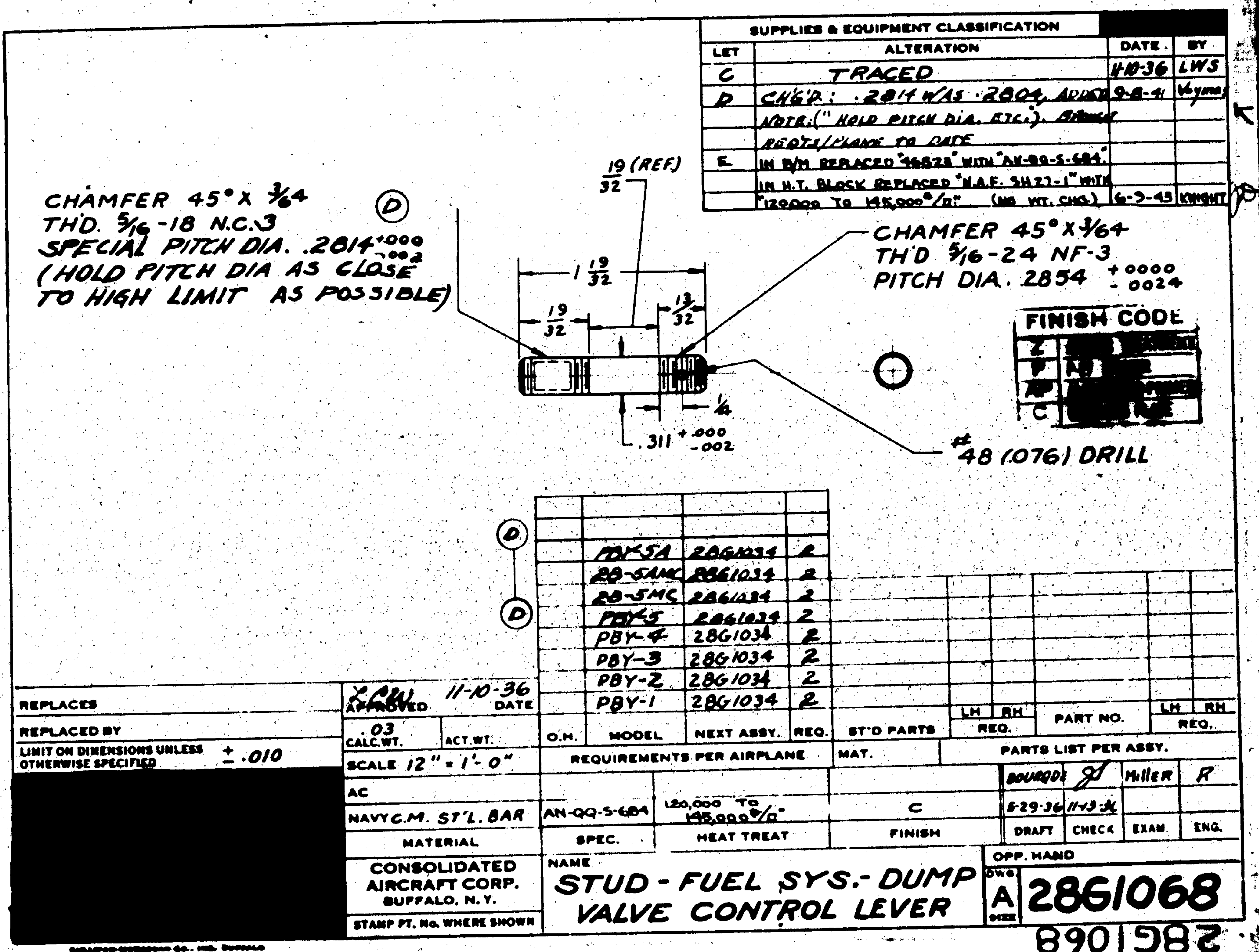
DWG. SIZE A — 28G1064



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
11-9-36
LWS
C.O. 4403
B
.083 WIRE WAS .080
C
PB2Y-2 REQ. ADDED
10-20-39
D
NEXT ASSY. 29G3140 WAS 29G3003
8-12-41
Suchy
FINISH CODE
Z
P
AP
C
.083 WIRE
APPROX. 105 COILS
1/2 I.D.
1/4 R
13/32
BOTH ENDS IDENTICAL
8 3/8 ± 1/8
19/32
#11 & ON
#1-10
PB2Y-3
PBY-5A
28G1010
2
PB2Y-3
29G3140
2
PB2Y-2
29G1003
2
XPB2Y-1
29G029
PBY-4
28G1010
PBY-3
28G1010
PBY-2
28G1010
PBY-1
28G1010
SPRING SHALL WITHSTAND A LOAD OF 30 LBS AT 4 INCH DEFLECTION.
C
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
11-9-36
DATE
.27
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
BOURQUE
MILLER
R
NAVY MUSIC WIRE
22W11
SPRING TEMP.
C - BAKE
5-14-36
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
SPRING FUEL SYS. DUMP VALVE CONTROL
OPP. HAND
DWG.
A
SIZE
28G1065

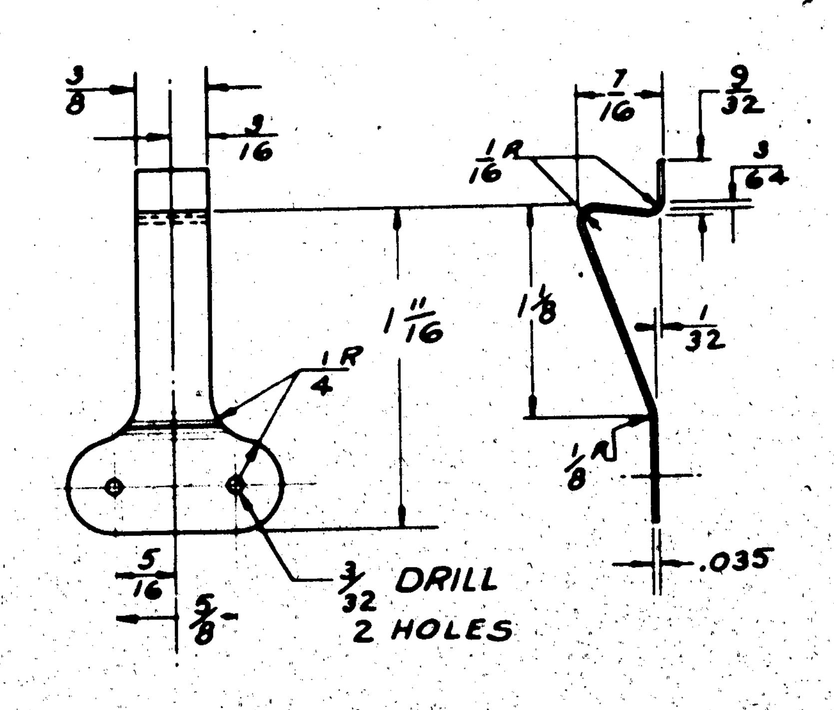


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
C
TRACED
11-10-36
LWS
D
NEXT ASSY. NO'S. WERE 286006
8-4-37
3/16 PUNCH.
12 HOLES EQUALLY SPACED
TO MATCH 28G-027
1 7/16 R
1 3/16 R
15/16 R
45°
27/32
1 11/16
1/32
PBY-5A
28W5005
4
XPB2Y-1
296003
PBY-4
28W4005
PBY-3
28W3005
PBY-2
28W2005
PBY-1
28W005
PBY-5B
28W4135
4
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
APPROVED
11-10-36
DATE
.01
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY VELLUMOID
MATERIAL
SPEC.
HEAT TREAT
FINISH
GREEN
4-21-36
5-8-36
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
GASKET - FUEL SYS.
SIGHT GAGE
DWG.
A
SIZE
2861066



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C | TRACED | 11-10-36 | LWS
D | CHG'D: .2814 WAS .2804, ADDED NOTE: ("HOLD PITCH DIA. ETC."), BROUGHT REQ'TS/PLANE TO DATE | 9-8-41
E | IN B/M REPLACED "46823" WITH "AN-QQ-S-684". IN H.T. BLOCK REPLACED "N.A.F. SH27-1" WITH "120,000 TO 145,000#/□" (NO WT. CHG.) | 6-9-43 | KNIGHT
CHAMFER 45° X 3/64
THD. 5/16-18 N.C.3
SPECIAL PITCH DIA. .2814 +.000 -.002
(HOLD PITCH DIA AS CLOSE TO HIGH LIMIT AS POSSIBLE)
D
19/32 (REF.)
1 19/32
19/32
13/32
1/4
.311 +.000 -.002
CHAMFER 45° X 3/64
THD 5/16-24 NF-3
PITCH DIA. .2854 +.0000 -.0024
#48 (.076) DRILL
FINISH CODE
Z [redacted]
P [redacted]
AP [redacted]
C [redacted]
PBY-5A | 28G1034 | 2
28-5AMC | 28G1034 | 2
28-5MC | 28G1034 | 2
PBY-5 | 28G1034 | 2
PBY-4 | 28G1034 | 2
PBY-3 | 28G1034 | 2
PBY-2 | 28G1034 | 2
PBY-1 | 28G1034 | 2
O.H. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010
APPROVED LCW 11-10-36 DATE
.03 CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY C.M. ST'L. BAR
MATERIAL
AN-QQ-S-684
SPEC.
120,000 TO 145,000#/□
HEAT TREAT
C
FINISH
BOURQUE | Miller
5-29-36 | 11-13-36
DRAFT | CHECK | EXAM. | ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
STUD - FUEL SYS.- DUMP VALVE CONTROL LEVER
DWG. SIZE A
2861068

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	11-10-36	LWS



FINISH CODE
Z [redacted]
P [redacted]
AP [redacted] PRIMER:
C [redacted]

HEAT TREAT
HEAT TO 1400-1450 F
QUENCH IN OIL
DRAW TO 650 F

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28G1034	2						
	PBY-4	28G1034							
	PBY-3	28G1034							
	PBY-2	28G1034							
	PBY-1	28G1034							

REPLACES 28G1069 OF 5-29-36

APPROVED LCW DATE 11-10-36

REPLACED BY

CALC.WT. .01 ACT.WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

[redacted]

	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM	ENG.
AC				CHAMB.		Miller	R
NAVY SPRING STEEL SHEET ANNEALED	47S15	NOTED	C & BAKE	7-22-36	11-9-36		
MATERIAL							

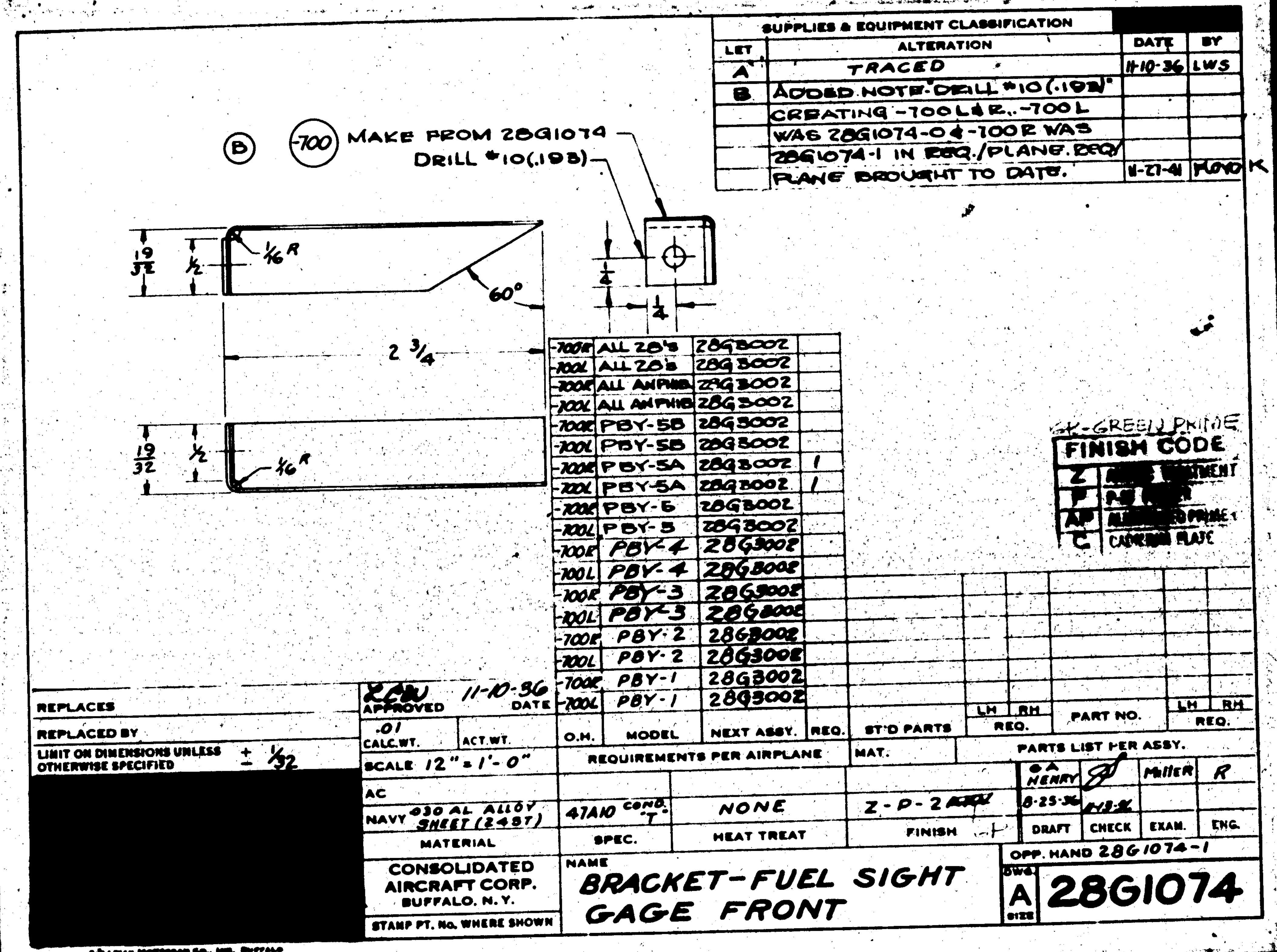
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME
SPRING-FUEL SYS. DUMP VALVE CONTROL LEVER LATCH

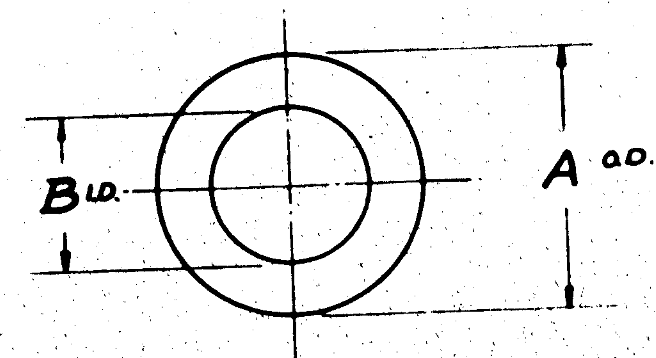
OPP. HAND

DWG. SIZE A 28G1069



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
11-10-36
LWS
B
ADDED NOTE "DRILL #10 (.193)"
CREATING -700L & R., -700L
WAS 28G1074-0 & -700R WAS
28G1074-1 IN REQ./PLANE. REQ/
PLANE BROUGHT TO DATE.
11-27-41
B
-700
MAKE FROM 28G1074
DRILL #10 (.193)
19/32
1/2
1/16 R
60°
2 3/4
1/4
1/4
-700R ALL 28's 28G3002
-700L ALL 28's 28G3002
-700R ALL AMPHIB 28G3002
-700L ALL AMPHIB 28G3002
-700R PBY-5B 28G3002
-700L PBY-5B 28G3002
-700R PBY-5A 28G3002 1
-700L PBY-5A 28G3002 1
-700R PBY-5 28G3002
-700L PBY-5 28G3002
-700R PBY-4 28G3002
-700L PBY-4 28G3002
-700R PBY-3 28G3002
-700L PBY-3 28G3002
-700R PBY-2 28G3002
-700L PBY-2 28G3002
-700R PBY-1 28G3002
-700L PBY-1 28G3002
GK-GREEN PRIME
FINISH CODE
Z
F
AP
C
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
11-10-36
DATE
.01
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY .030 AL ALLOY SHEET (24ST)
MATERIAL
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS
LH RH
REQ.
PART NO.
LH RH
REQ.
MAT.
PARTS LIST PER ASSY.
47A10 COND. "T"
SPEC.
NONE
HEAT TREAT
Z-P-2
FINISH
G.A. HENRY
8-25-36
Miller
R
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND 28G1074-1
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
BRACKET-FUEL SIGHT GAGE FRONT
DWG. A SIZE
28G1074
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
	SUPPLIES & EQUIPMENT CLASSIFICATION		
A	TRACED	11-10-36	LWS
B	ADDED -2 & TABLE	9-29-38	[illegible]
C	ADDED XB24 & B24	7-20-39	[illegible]
D	PB2Y-2 REQ'MTS ADDED	1-3-40	[illegible]



PART NO.	A	B
28G1075	1 3/8	13/16
28G1075-2	1 7/16	1 1/16

O.H.	MODEL	NEXT ASSY.	REQ.
-0	XPB2Y-3	29G3005	4
-0	PB2Y-3	29G3005	4
	B24A	32G1005	4
	32MF	32G1005	4
	B24D	32G1005	4
	B24C	32G1005	4
-0	PB2Y-2	29G1005	2
-0	B24	32G005	4
-0	XB24	32G005	4
	XPB2Y-1	29G003	
-0,-2	PBY-4	28G3002	
-0,-2	PBY-3	28G3002	
-0,-2	PBY-2	28G3002	
-0,-2	PBY-1	28G3002	
	XP3Y-1	28G006	
-0	PBY-5B	28G3002	8
-2	PBY-5B	28G3002	8
-0	PBY-5A	28G3002	8
-2	PBY-5A	28G3002	8

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED LCW DATE 11-10-36

CALC. WT. 0017 ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY 3/64 VELLUMOID SHEET

MATERIAL

MAT.	SPEC.	HEAT TREAT	FINISH
	COMM.	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
G.A. HENRY	[illegible]	Miller	R
9-14-36	11-13-36		

OPP. HAND

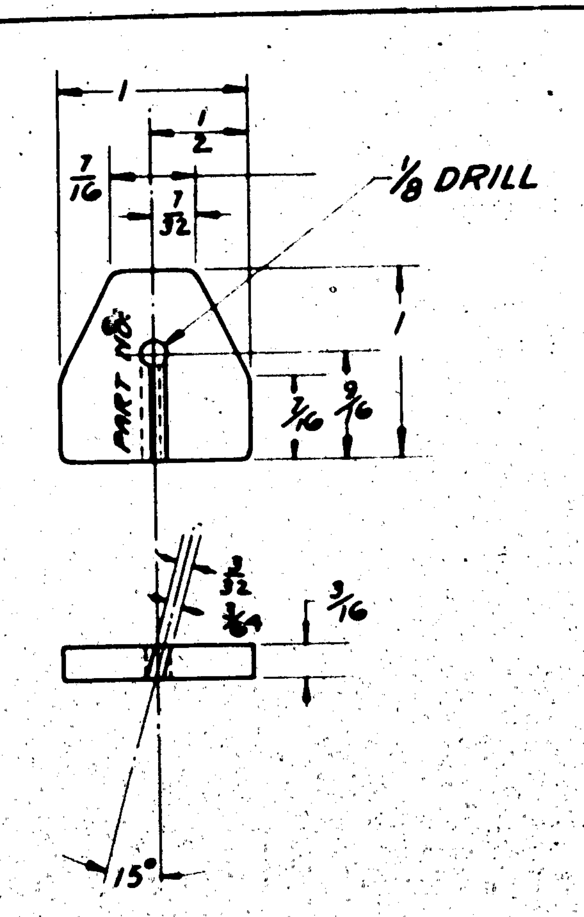
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. NO. WHERE SHOWN

NAME GASKET - FUEL SYSTEM SIGHT GAGE

DWG. SIZE A 28G1075

C.A.C. GOODYEAR CHECKED BY [illegible] DATE 4-25-41



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	11-10-36	LWS
B	SPEC. TYPE PBG WAS FBG	1-3-38	DON WHEAT
	ADDED PBY-3 & PBY-4 REQ'M'TS	1-3-38	DON WHEAT

(B)

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28G1010	2
	PBY-4	28G1010	
	PBY-3	28G1010	
	PBY-2	28G1010	
	PBY-1	28G1010	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO	REQ. LH	REQ. RH

MAT.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED LCW DATE 11-10-36

CALC. WT. .01 ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY PHENOLIC MAT'L 17P5 TYPE PBG

MATERIAL — SPEC. (D)

HEAT TREAT: NONE

FINISH: NONE

DRAFT	CHECK	EXAM.	ENG.
CHAMB'N 9-18-36	11-13-36	Miller	R

OPP. HAND

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

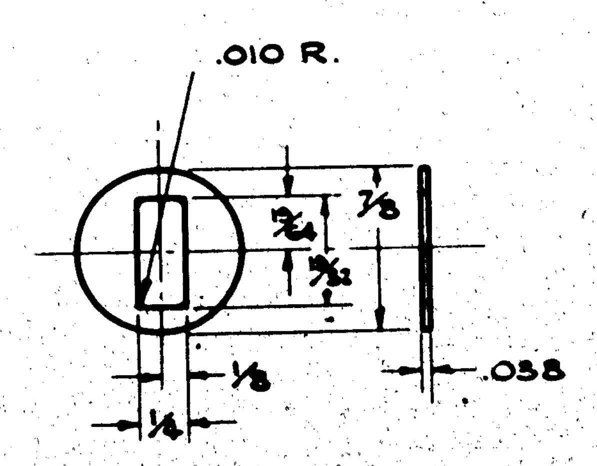
STAMP PT. No. WHERE SHOWN

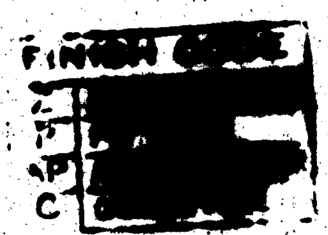
NAME: FAIRLEAD - DUMP VALVE CONT. - WING LEADING EDGE

DWG. SIZE A 28G1076

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	5-17-37	J.A.S
B	PB2Y-2 REQS ADDED	10-5-39	[illegible]





* USE AS NEEDED

O.H.	MODEL	NEXT ASSY.	REQ
	PB2Y-3	28G1011	2
	PBY-5A	28G1011	*
	PB2Y-2	28G1011	2
	PBY-4	28G1011	
	PBY-3	28G1011	
	XPB2Y-1	28G1011	
	PBY-2	28G1011	
	PBY-1	28G1011	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

PARTS LIST PER ASSY. — MAT.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED: [signature] DATE: 5-17-37

.005 CALC. WT. — ACT WT

SCALE 12" = 1'-0"

AC

NAVY CR. MOLY STL. SHEET

MATERIAL	SPEC.	HEAT TREAT	FINISH
CR. MOLY STL. SHEET	47S14	NONE	C

DRAFT	CHECK	EXAM	ENG
1-13-37 [signature]	5-28-37 H.W.H.		

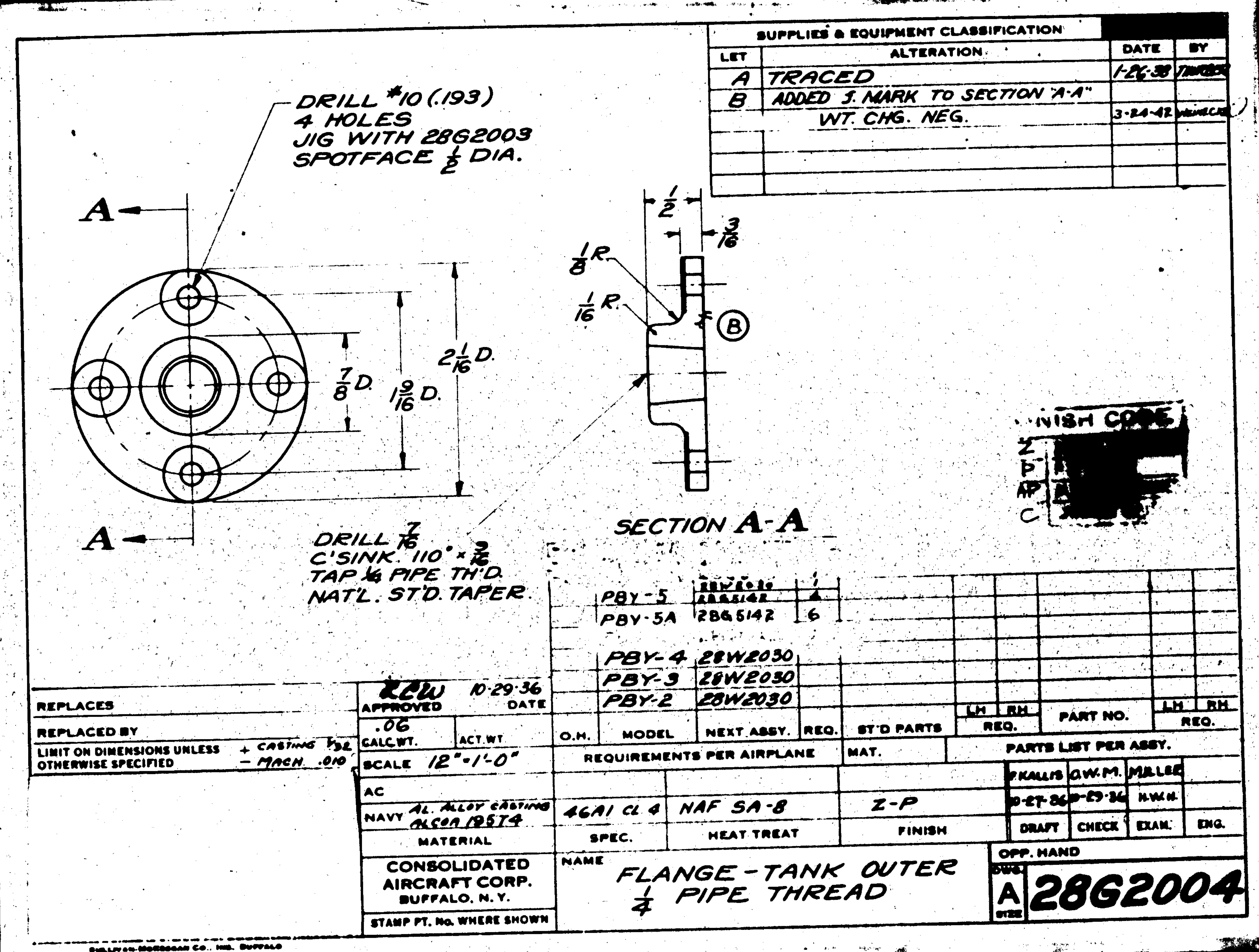
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

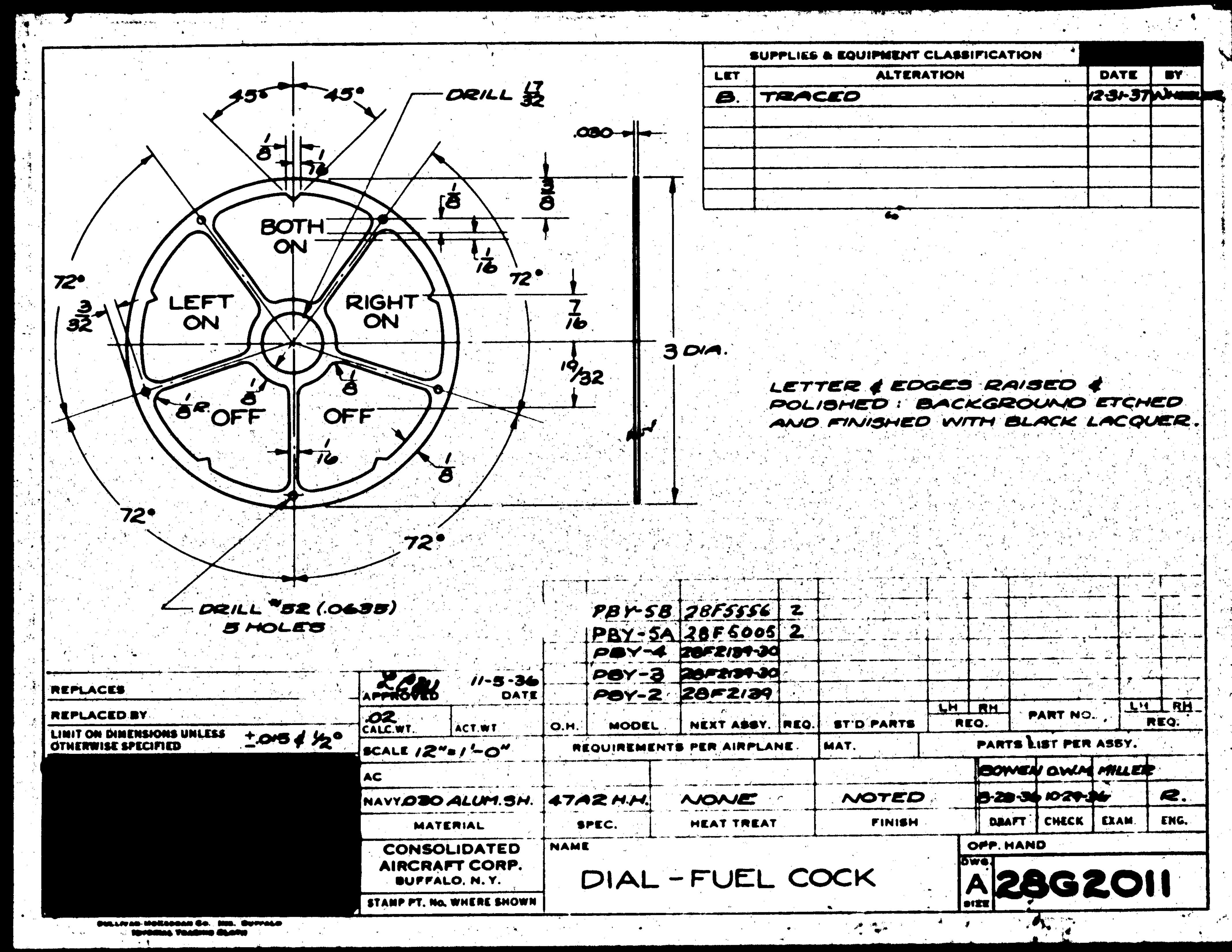
NAME: WASHER DUMP VALVE ADJ'MENT

OPP. HAND

DWG. SIZE A — 28G1080

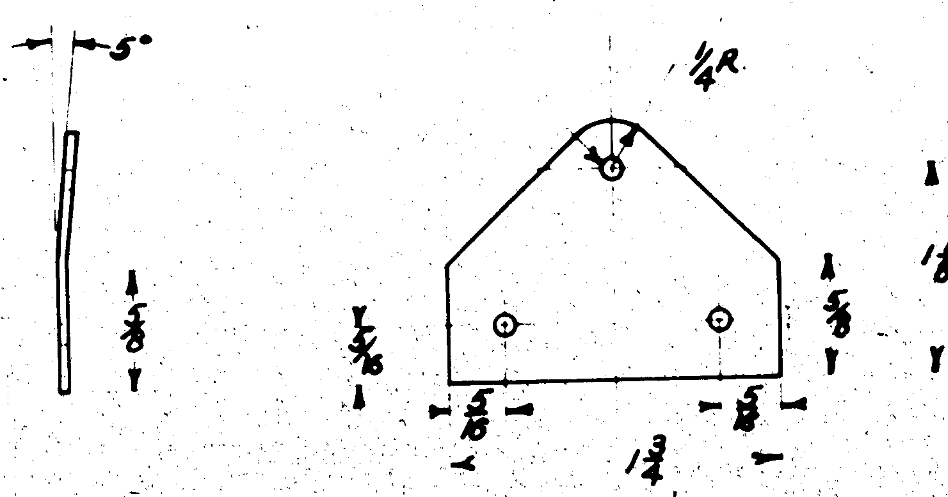


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A TRACED 1-26-38
B ADDED S. MARK TO SECTION "A-A"
WT. CHG. NEG. 3-24-42
DRILL #10 (.193)
4 HOLES
JIG WITH 28G2003
SPOTFACE 1/2 DIA.
A
A
7/8 D.
1 9/16 D.
2 1/16 D.
1/2
3/16
1/8 R.
1/16 R.
B
SECTION A-A
DRILL 7/16
C'SINK 110° × 3/16
TAP 1/4 PIPE TH'D.
NAT'L. ST'D. TAPER
NISH CODE
Z
P
AP
C
[redacted]
PBY-5 28W2030 1
PBY-5 28G5142 4
PBY-5A 28G5142 6
PBY-4 28W2030
PBY-3 28W2030
PBY-2 28W2030
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
+ CASTING 1/32
− MACH. .010
APPROVED 10-29-36 DATE
.06 CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY AL. ALLOY CASTING ALCOA 195T4
MATERIAL
46A1 CL 4
SPEC.
NAF SA-8
HEAT TREAT
Z-P
FINISH
F. KALLIS 10-27-36
G.W.M. 10-29-36
MILLER
H.W.H.
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
FLANGE-TANK OUTER
1/4 PIPE THREAD
OPP. HAND
DWG. SIZE A
28G2004


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B.
TRACED
12-31-37
DRILL 17/32
45°
45°
.030
1/8
1/16
3/8
1/8
1/16
BOTH ON
LEFT ON
RIGHT ON
OFF
OFF
72°
72°
72°
72°
3/32
7/16
19/32
3 DIA.
1/8
1/8
1/8R
1/16
1/8
LETTER & EDGES RAISED & POLISHED: BACKGROUND ETCHED AND FINISHED WITH BLACK LACQUER.
DRILL #52 (.0635) 5 HOLES
PBY-5B 28F5556 2
PBY-5A 28F5005 2
PBY-4 28F2139-30
PBY-3 28F2139-30
PBY-2 28F2139
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.015 & 1/2°
APPROVED
11-5-36
DATE
.02
CALC. WT.
ACT. WT
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
BOWEN
OWM
MILLER
NAVY .030 ALUM. SH.
47A2 H.H.
NONE
NOTED
5-29-36
10-29-36
R.
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
[redacted]
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
DIAL - FUEL COCK
OPP. HAND
DWG. A SIZE
28G2011
STAMP PT. No. WHERE SHOWN

LET	ALTERATION	DATE	BY
B	TRACED	10-29-37	Halsey
C	PB2Y-2 REQ. ADDED	10-19-39	[illegible]
D	MAT'L. WAS ALUM. AL.	10-19-39	[illegible]

SUPPLIES & EQUIPMENT CLASSIFICATION



(C)

O. H.	MODEL	NEXT ASSY.	REQ
	PBY-5A	28G1010	2
	PB2Y-2	29W1002	1
	PB2Y-2	29G1003	1
	XPB2Y-1	29G029	
	PBY-4	28G1010	
	PBY-3	28G1010	
	PBY-2	28G1010	

REQUIREMENTS PER AIRPLANE

REPLACES

APPROVED: LCW — DATE: 10-29-37

REPLACED BY

CALC. WT.: .01 — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: 1/32

SCALE: 12" = 1'0"

ST'D PARTS — MAT — PART NO. — PARTS LIST PER ASSY.

A C

NAVY — MATERIAL: .051 ALCLAD SHEET (24ST) (D)

SPEC.: 47A8 (COND T)

HEAT TREAT: NONE

FINISH: NONE

DRAFT: Keating 3-15-37 — CHECK: H. Bowen 11-1-37 — EXAM.: H.W.H. — ENG.

OPP. HAND

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

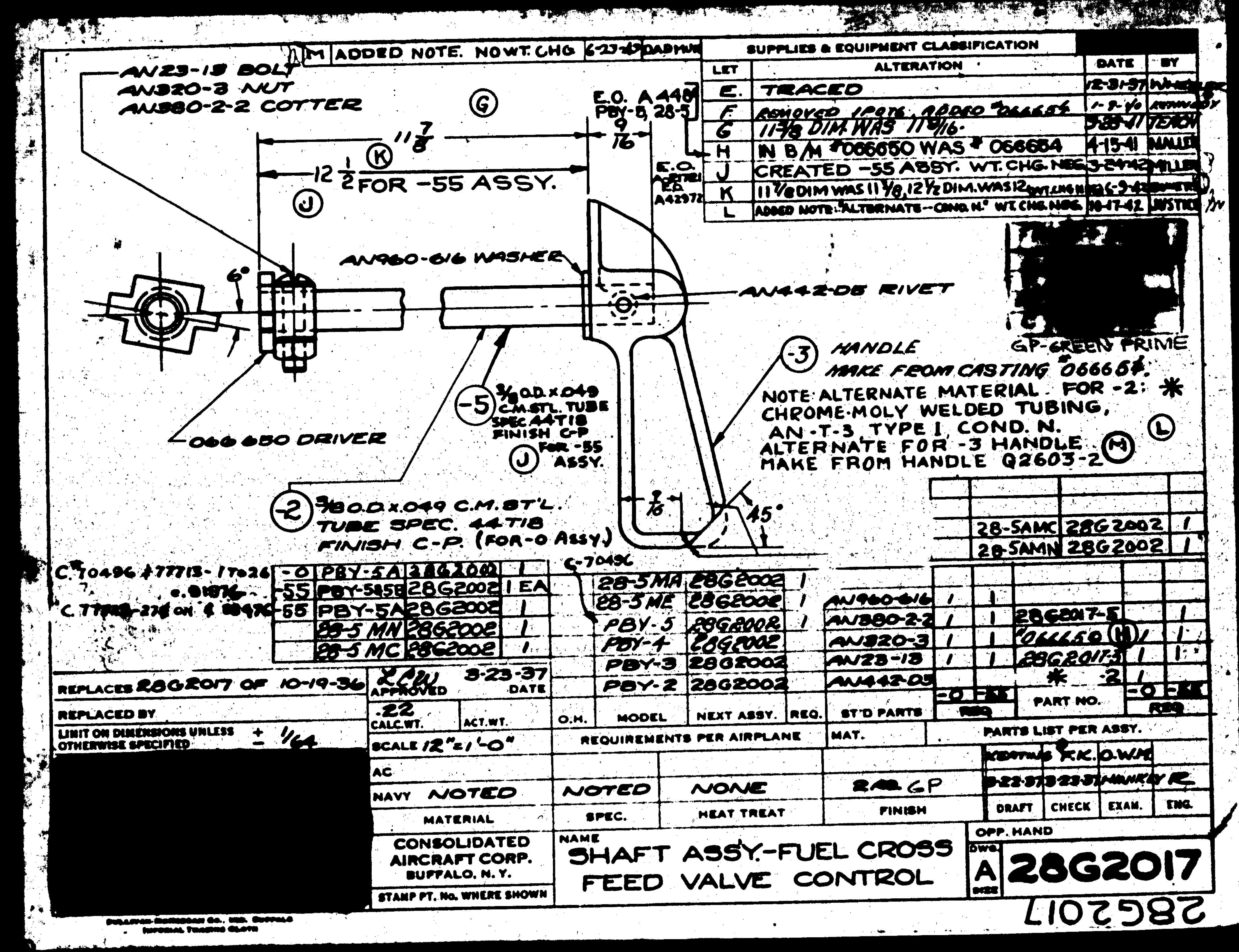
STAMP PT. NO. WHERE SHOWN

NAME: LUG - DUMP VALVE RETURN SPRING

DWG. SIZE: A

28G2013

PRINTED ON [illegible] TRACING CLOTH



M ADDED NOTE. NO WT. CHG 6-23-43
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
E TRACED 12-31-37
F REMOVED 1 PC'S. ADDED #066654 1-9-40
G 11 7/8 DIM. WAS 11 9/16. 3-28-41
H IN B/M #066650 WAS # 066654 4-15-41
J CREATED -55 ASSY. WT. CHG. NEG 3-24-42
K 11 7/8 DIM WAS 11 7/8, 12 1/2 DIM. WAS 12
L ADDED NOTE: "ALTERNATE--COND. N." WT. CHG. NEG. 10-17-42
[redacted]
GP-GREEN PRIME
AN23-13 BOLT
AN320-3 NUT
AN380-2-2 COTTER
E.O. A448 PBY-5, 28-5
11 7/8
9/16
12 1/2 FOR -55 ASSY.
E.O. A42972
AN960-616 WASHER
AN442-D5 RIVET
6°
-3 HANDLE MAKE FROM CASTING #066654.
NOTE: ALTERNATE MATERIAL FOR -2: * CHROME-MOLY WELDED TUBING, AN-T-3 TYPE I, COND. N.
ALTERNATE FOR -3 HANDLE MAKE FROM HANDLE Q2603-2
-5 3/8 O.D. x .049 C.M. STL. TUBE SPEC. 44T18 FINISH C-P FOR -55 ASSY.
066650 DRIVER
-2 3/8 O.D. x .049 C.M. ST'L. TUBE SPEC. 44T18 FINISH C-P. (FOR -0 ASSY.)
9/16
45°
28-5AMC 28G2002 1
28-5AMN 28G2002 1
C-70496
-0 PBY-5A 28G2002 1
-55 PBY-5A5B 28G2002 1 EA
-55 PBY-5A 28G2002 1
28-5MN 28G2002 1
28-5MC 28G2002 1
28-5MA 28G2002 1
28-5ME 28G2002 1
PBY-5 28G2002 1
PBY-4 28G2002
PBY-3 28G2002
PBY-2 28G2002
AN960-616 1 1
AN380-2-2 1 1 28G2017-5 1
AN320-3 1 1 #066650 1 1
AN23-13 1 1 28G2017-3 1 1
AN442-D5 * -2 1
-0 -55 REQ. PART NO. -0 -55 REQ.
REPLACES 28G2017 OF 10-19-36
APPROVED 3-23-37 DATE
REPLACED BY
.22 CALC. WT.
ACT. WT.
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
[redacted]
AC
NAVY NOTED
NOTED
NONE
GP
MATERIAL SPEC. HEAT TREAT FINISH
3-22-37 3-23-37
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME SHAFT ASSY.-FUEL CROSS FEED VALVE CONTROL
OPP. HAND
DWG. SIZE A 28G2017
28G2017

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A.	TRACED		

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS
	PBY-5A	28B5142	6	
	PBY-4	28W2030		
	PBY-3	28W2030		
	PBY-2	28W2030		

REQUIREMENTS PER AIRPLANE

LH RH REQ

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

[redacted]

APPROVED [illegible] DATE 10-22-36

.004 CALC. WT. — ACT. WT

SCALE 12" = 1'-0"

MAT.

AC

NAVY VELLUMOID

MATERIAL

COMM'L. — SPEC.

NONE — HEAT TREAT

NONE — FINISH

PARTS LIST FILE

OPP HAND

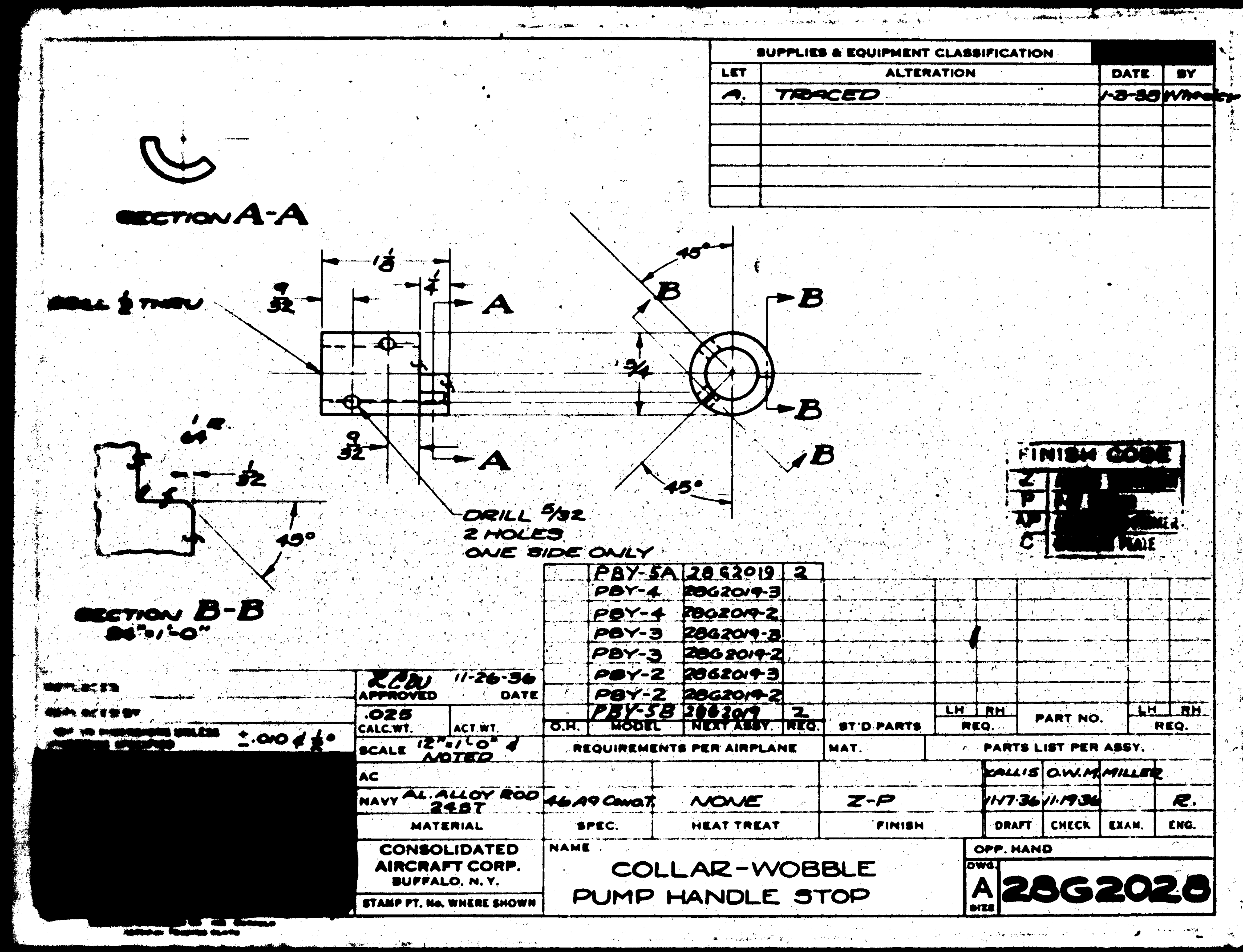
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME

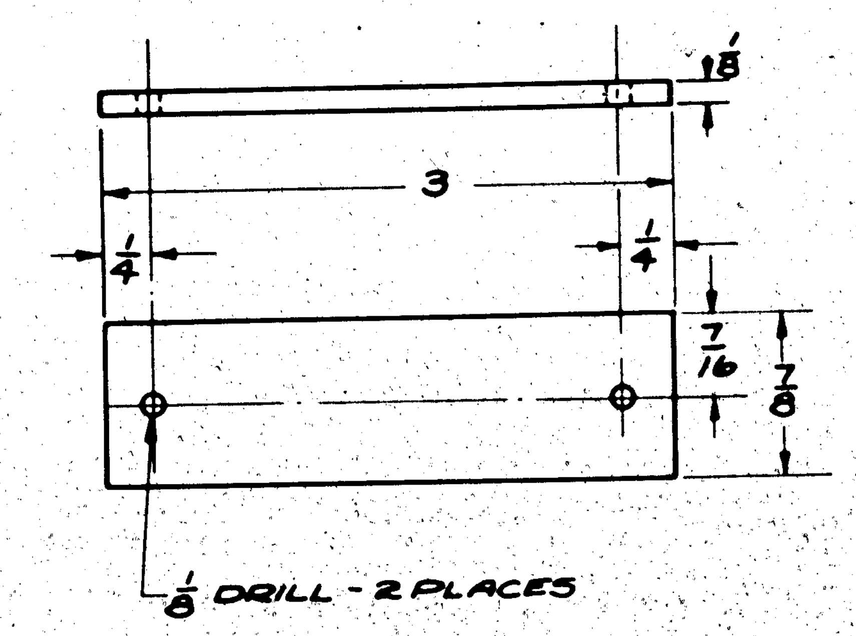
GASKET-
FUEL TANK FLANGE

SIZE A — 28G2020



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A. | TRACED | 1-3-38 | Wheeler
SECTION A-A
SECTION B-B
DRILL 1/8 THRU
1 1/8
9/32
1/4
A
B
3/4
45°
1/32
DRILL 5/32
2 HOLES
ONE SIDE ONLY
FINISH CODE
Z [redacted]
P [redacted]
C [redacted]
PBY-5A 28G2019 2
PBY-4 28G2019-3
PBY-4 28G2019-2
PBY-3 28G2019-3
PBY-3 28G2019-2
PBY-2 28G2019-3
PBY-2 28G2019-2
PBY-5B 28G2019 2
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
APPROVED 11-26-36 DATE
.025 CALC.WT.
ACT.WT.
±.010 & 1/2°
SCALE 12"=1'-0" & NOTED
AC
NAVY AL. ALLOY ROD 24ST
MATERIAL
46A9 Cond.T.
SPEC.
NONE
HEAT TREAT
Z-P
FINISH
ZALLIS O.W.M. MILLER
11-17-36 11-19-36 R.
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
COLLAR-WOBBLE PUMP HANDLE STOP
OPP. HAND
DWG. A SIZE 28G2028
[redacted]

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C.	TRACED	12/24/37	Wm...



O. H.	MODEL	NEXT ASSY.	REQ
	PBY-5B	28W103	2
	PBY-5A	28W103	2
	XPB2Y-1	29G029	
	PBY-4	28W103	
	PBY-3	28W103	
	PBY-2	28W103	

REQUIREMENTS PER AIRPLANE

ST'D PARTS — MAT. — LH RH REQ — PART NO — LH RH REQ — LH RH REQ. — LH RH REQ. — LH RH REQ. — LH RH REQ.

PARTS LIST PER ASSY

REPLACES

REPLACED BY

APPROVED: RCW — DATE: 1-14-37

CALC. WT.: .01 — ACT. WT.:

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32

SCALE: 12" = 1'-0"

A C

NAVY

MATERIAL: PHENOLIC FIBER

SPEC.: 17P5 GR. FBG

HEAT TREAT: NONE

FINISH: NONE

DRAFT	CHECK	EXAM.	ENG.
OWM	HWH		R
1-13-37	1-14-37		

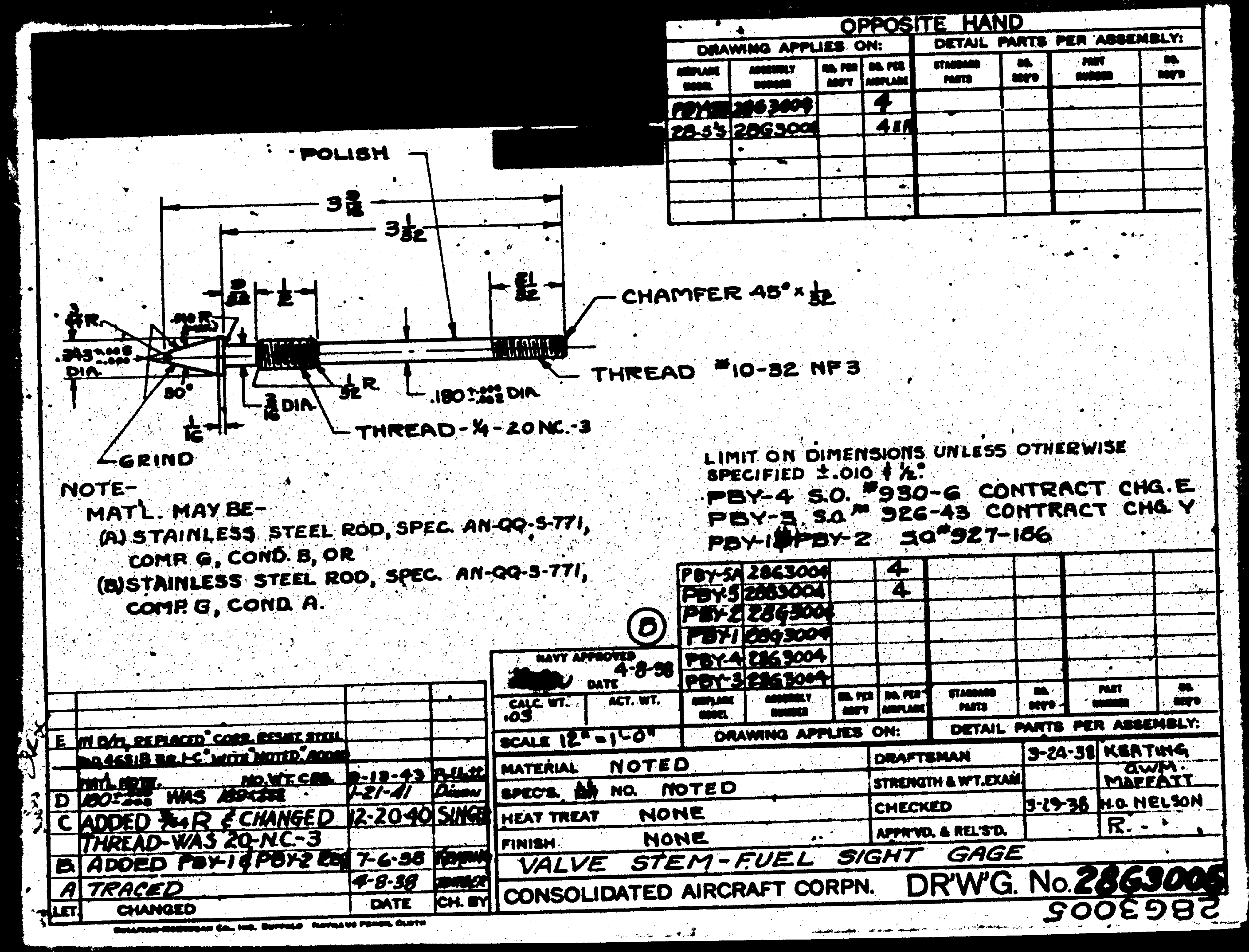
OPP. HAND

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

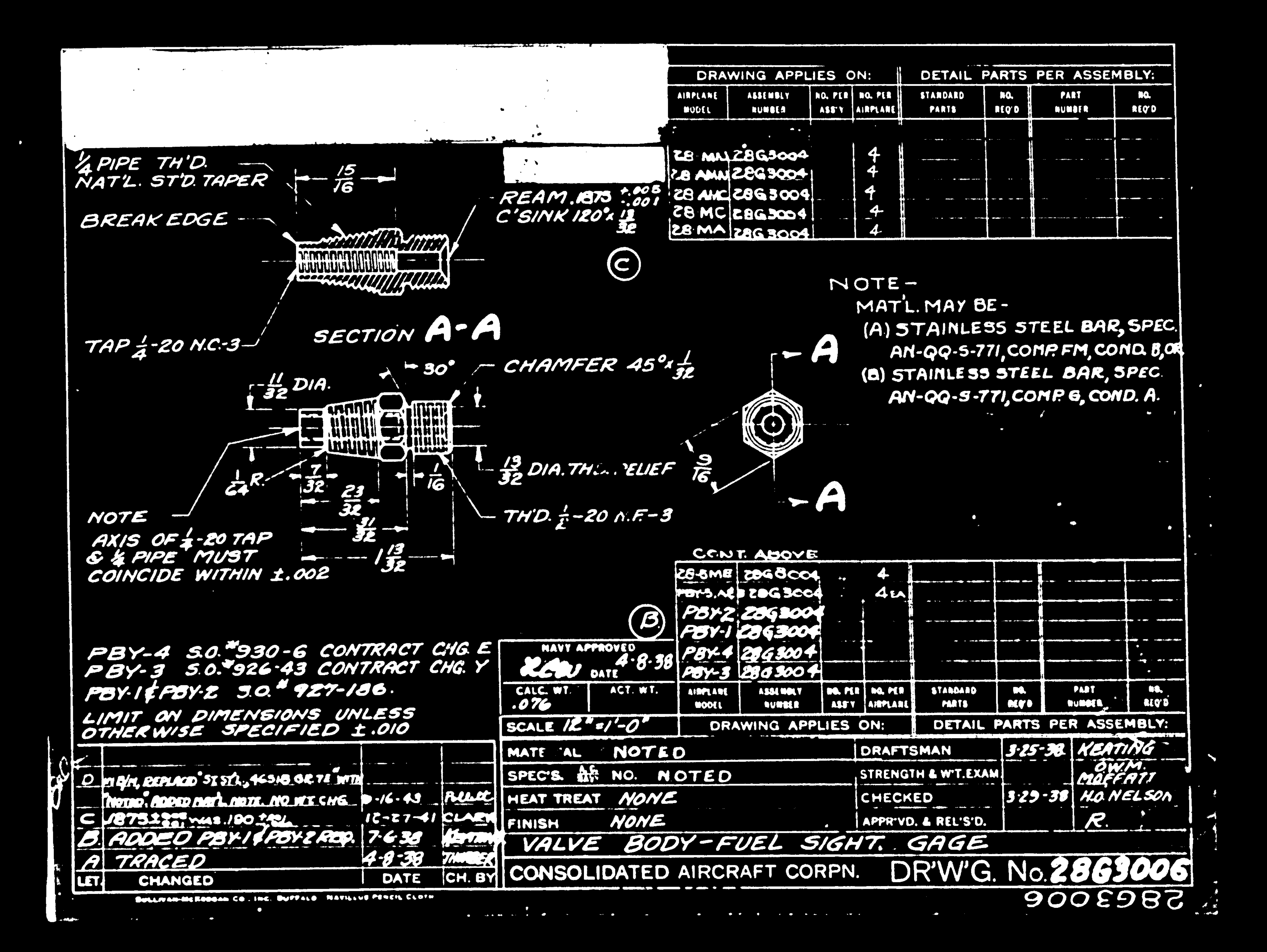
STAMP PT. NO. WHERE SHOWN

NAME: BLOCK-RUBBING-DUMP VALVE RELEASE CABLE

DWG SIZE: A — 28G2036



OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
2863004
4
28-5
2863004
POLISH
3 1/32
21/32
CHAMFER 45° x 1/32
THREAD #10-32 NF3
.180 DIA.
3/16 DIA.
THREAD - 1/4 - 20 NC. - 3
1/16
30°
GRIND
DIA.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010 & 1/2°
PBY-4 S.O. #930-6 CONTRACT CHG. E
PBY-3 S.O. # 926-43 CONTRACT CHG. Y
PBY-1 & PBY-2 SO # 927-186
NOTE-
MAT'L. MAY BE-
(A) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. B, OR
(B) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.
PBY-5A 2863004 4
PBY-5 2863004 4
PBY-2 2863004
PBY-1 2863004
PBY-4 2863004
PBY-3 2863004
D
NAVY APPROVED
DATE 4-8-38
CALC. WT. .03
ACT. WT.
SCALE 12" = 1'-0"
E
D 180 WAS
C ADDED R & CHANGED THREAD-WAS 20-N.C.-3 12-20-40
B ADDED PBY-1 & PBY-2 7-6-38
A TRACED 4-8-38
LET. CHANGED DATE CH. BY
MATERIAL NOTED
SPEC'S. NO. NOTED
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN 3-24-38 KEATING
STRENGTH & WT. EXAM. MAFFATT
CHECKED 3-29-38 H.O. NELSON
APPR'VD. & REL'S'D.
VALVE STEM - FUEL SIGHT GAGE
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 2863005
2863005



DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
28 MN 28G3004 4
28 AMN 28G3004 4
28 AMC 28G3004 4
28 MC 28G3004 4
28 MA 28G3004 4
1/4 PIPE TH'D. NAT'L. ST'D. TAPER
15/16
BREAK EDGE
REAM .1875 +.005 -.001
C'SINK 120° x 13/32
C
TAP 1/4-20 N.C.-3
SECTION A-A
30°
CHAMFER 45° x 1/32
11/32 DIA.
13/32 DIA. TH'D. RELIEF
1/64 R.
7/32
1/16
23/32
31/32
1 13/32
9/16
TH'D. 1/2-20 N.F.-3
NOTE
AXIS OF 1/4-20 TAP & 1/4 PIPE MUST COINCIDE WITHIN ±.002
NOTE -
MAT'L. MAY BE -
(A) STAINLESS STEEL BAR, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B) STAINLESS STEEL BAR, SPEC. AN-QQ-S-771, COMP. G, COND. A.
A
A
CONT. ABOVE
28-5ME 28G3004 4
PBY-5, A 28G3004 4 EA
PBY-2 28G3004
PBY-1 28G3004
PBY-4 28G3004
PBY-3 28G3004
B
PBY-4 S.O. #930-6 CONTRACT CHG. E
PBY-3 S.O. #926-43 CONTRACT CHG. Y
PBY-1 & PBY-2 S.O. #927-186.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010
NAVY APPROVED DATE 4-8-38
CALC. WT. .076
ACT. WT.
SCALE 12" = 1'-0"
MATERIAL NOTED
SPEC'S. NO. NOTED
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN 3-25-38 KEATING
STRENGTH & W'T. EXAM
CHECKED 3-29-38 H.O. NELSON
APPR'VD. & REL'S'D.
D REPLACED ST. STL. WITH NOTED. ADDED MAT'L. NOTE. NO WT. CHG. 9-16-43
C .1875 WAS .100 12-27-41
B ADDED PBY-1 & PBY-2 REQ. 7-6-38
A TRACED 4-8-38
LET. CHANGED DATE CH. BY
VALVE BODY - FUEL SIGHT GAGE
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 28G3006
28G3006

[redacted]

[redacted]

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
28-5AM	2863004		4				

TAP DRILL
DEPTH 7/16
C'SINK. 110° x 1/2
TAP 1/2-20 NF-3
DEPTH 1/4
(D)

9/16

1/16

30°

3/4

DRILL #9 (.196)
THRU
(B)

NOTE-
MAT'L. MAY BE-
(A) STAINLESS STEEL BAR, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B) STAINLESS STEEL BAR, SPEC. AN-QQ-S-771, COMP. G, COND. A.

PBY-4 S.O. #930-6 CONTRACT CHG. E
PBY-3 #926-43 CONTRACT CHG. Y
PBY-1 & PBY-2 S.O. #727-186

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5B	2863004		4	28-5AM	2863004		4				
PBY-5A	2863004		4	OA-U-1	2863004		4				
28-5MA	2863004		4	PBY-5	2863004		4				
28-5MC	2863004		4	PBY-2	2863004						
28-5MA	2863004		4	PBY-1	2863004						
28-5ME	2863004		4	PBY-4	2863004						
				PBY-3	2863004						

DRAWING APPLIES ON: / DETAIL PARTS PER ASSEMBLY:

NAVY APPROVED [redacted] DATE 4-7-38

CALC. WT.	ACT. WT.
.07	

SCALE 12" = 1'-0"

LET.	CHANGED	DATE	CH. BY
E	W B/M. REPLACED "STAINLESS STEEL 46S18 GR. 1C" WITH "NOTED." ADDED MAT'L. NOTE. NO WT. CHG.	9-16-43	[illegible]
D	ON DWG. FACE TAP 1/2-20 NF-3 DEPTH 1/4 WAS TAP 1/2-20 NF-3 DEPTH 3/8	9-2-41	WHITE
C	ADDED PBY-1 & PBY-2 REQ.	7-6-38	KEATING
B	DRILL #9 WAS #10	4-18-38	DON WHITE
A	TRACED	4-7-38	THOMPSON

MATERIAL NOTED	DRAFTSMAN	3-25-38	KEATING
SPEC'S. A.C. NAVY NO.: NOTED	STRENGTH & WT. EXAM.		MOFFATT
HEAT TREAT NONE	CHECKED	3-29-38	H.A. NELSON
FINISH NONE	APPR'VD. & REL'S'D.		R.

PACKING NUT-FUEL SIGHT GAGE VALVE

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 2863007

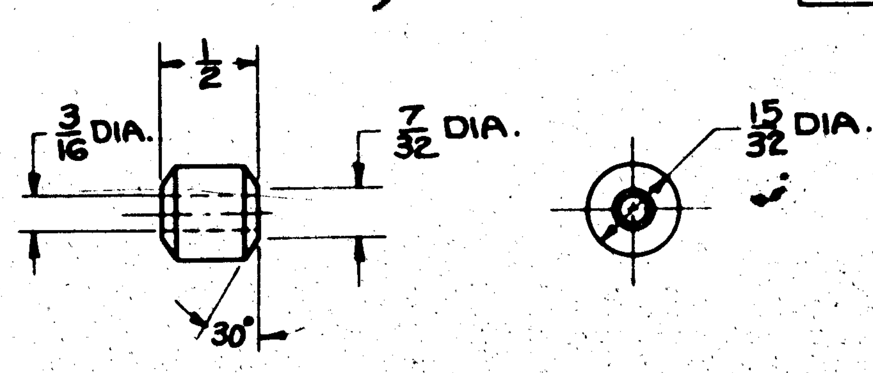
2863007

SULLIVAN-McCORMICK CO., INC. BUFFALO NATIONAL PENCIL CLOTH

[redacted]

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D



PBY-4 S.O. #930-6 CONTRACT CHG. E
PBY-3 #926-43 CONTRACT CHG. Y
PBY-1 & PBY-2 S.O. #927-186.

(B)

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
~~PBY-5B~~	~~2863004~~		4				
PBY-5A	2863004		4				
PBY-2	2863004						
PBY-1	2863004						
PBY-4	2863004						
PBY-3	2863004						
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			

NAVY APPROVED [redacted] DATE 4-7-38

CALC. WT. .0008 | ACT. WT.

SCALE 12" = 1'-0"

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

LET.	CHANGED	DATE	CH. BY
B	ADDED PBY-1 & PBY-2 REQ.	7-6-38	KEATING
A	TRACED	4-7-38	THURBER

MATERIAL CLOSE GRAIN CORK	DRAFTSMAN	3-25-38	KEATING
SPEC'S. A.C./NAVY NO.: COMM'L.	STRENGTH & WT. EXAM.		G.W.M. MOFFATT
HEAT TREAT NONE	CHECKED	3-29-38	H.O. NELSON
FINISH NONE	APPR'VD. & REL'S'D.		

PACKING - FUEL SIGHT GAGE - VALVE STEM

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 2863008

B TRACED 1-11-38 WHEELE
C ADDED 5/32 DRILL-3/4 DEEP 1-26-40 Royce

1/8 PIPE THREAD
NAT. STD TAPER
CHAMFER 45° x 1/32

7/16-20 NF-3 THREADS

1/4, 1/16, 30°, 1/8, 13/32, 45°, 3/16, 23/64, 1/2, 1 1/8, 1/2

5/32 DRILL - 3/4 DEEP
#60 (.040) DRILL THRU
1 HOLE

N.S.A. CODE
Z ANODIC TREATMENT
P-27 PRIMER
ALUMINIZED PL
CADMIUM PLA

PBY 5A 28G3000 2
PBY 5 28G5513 2
XPB2Y-1 29G001
PBY-4 28G3000
PBY-3 28G3000
PBY-2 28G2000

APPROVED 5-25-37 DATE
.01
.010
SCALE 12" = 1'-0"

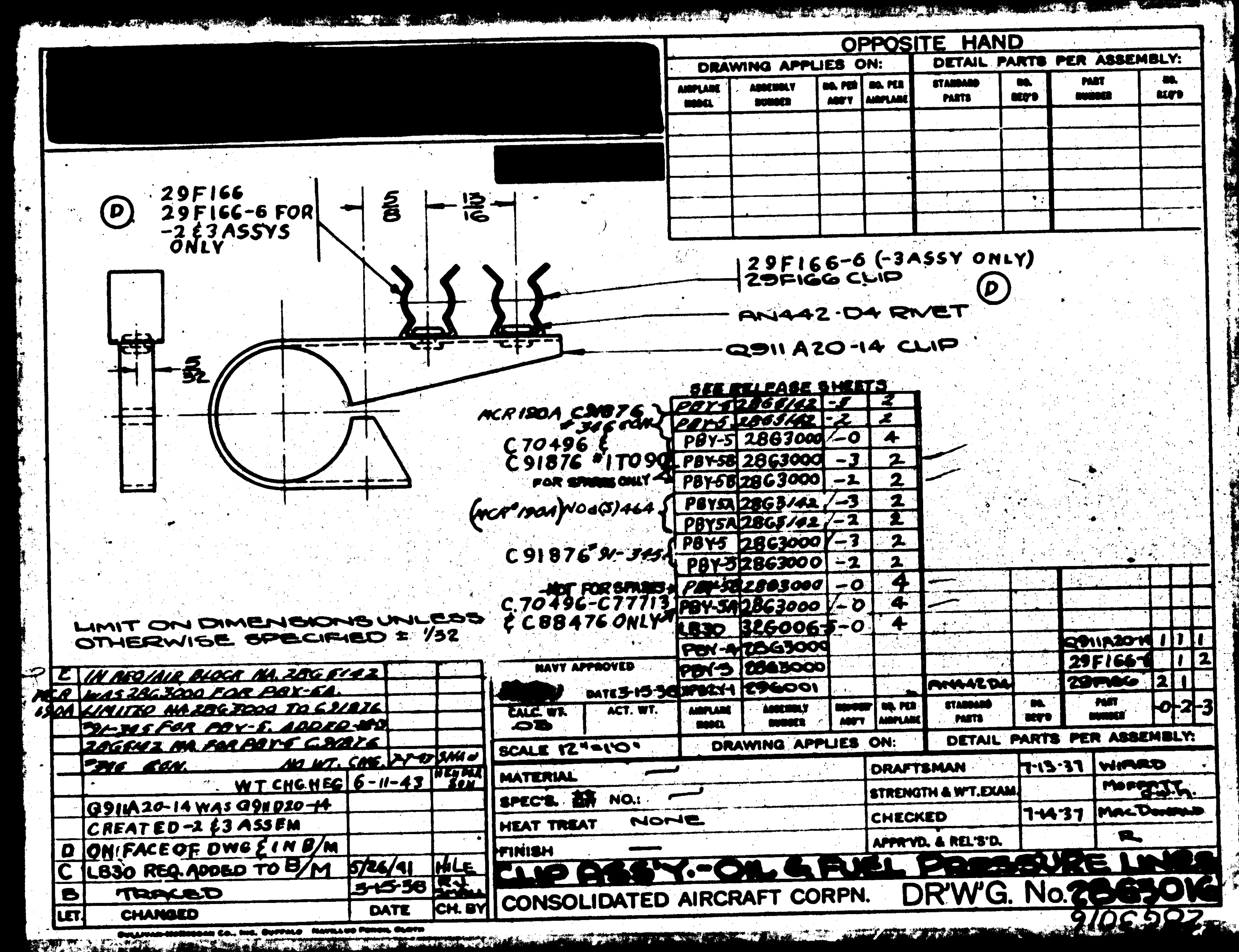
AL ALLOY HEX. ROD (24ST) — MATERIAL
46A9 COND. "T"
NONE — HEAT TREAT
Z — FINISH

ALTGILBERS O.W.M. MOFFATT
5-25-37

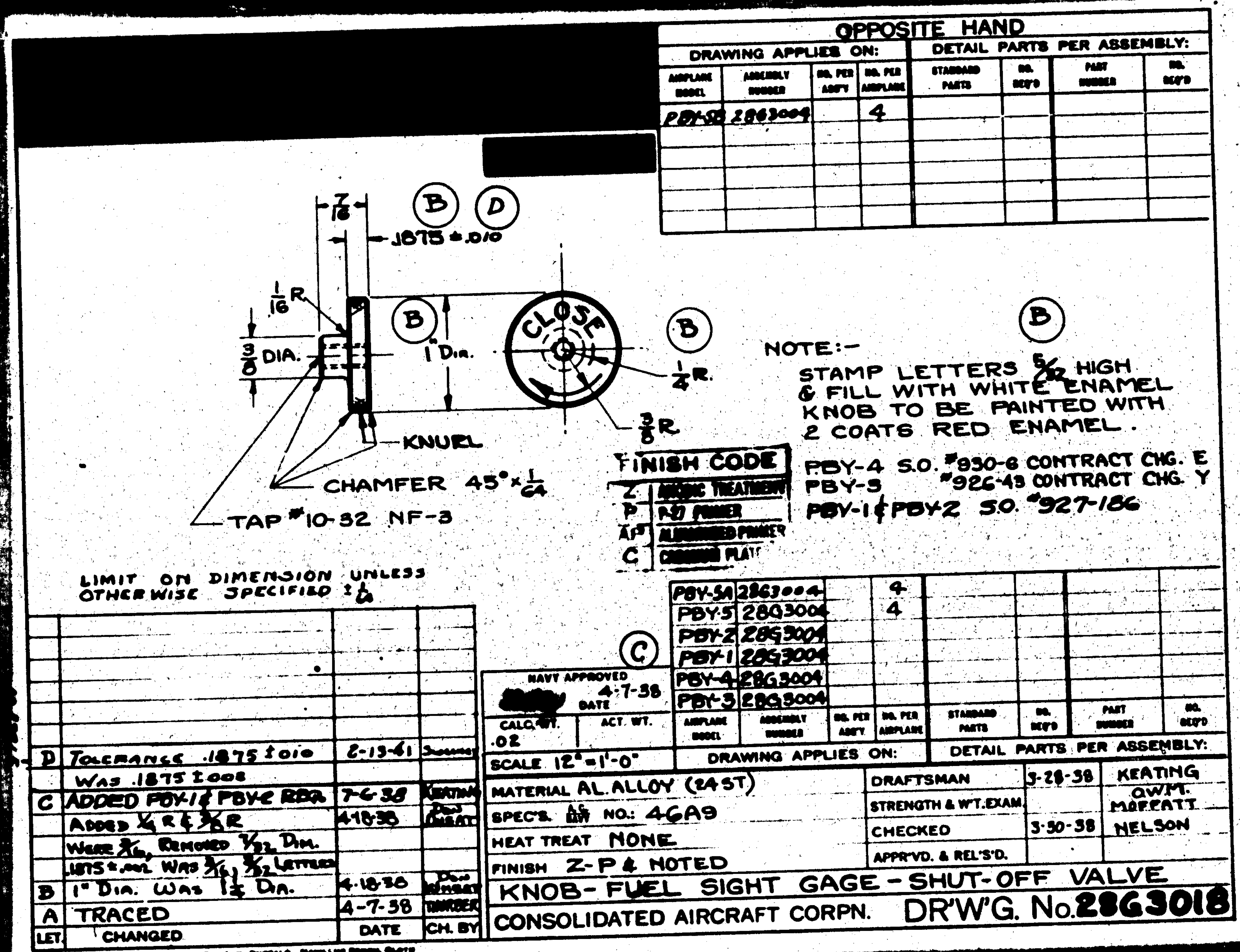
CONSOLIDATED AIRCRAFT CORP.
BUFFALO N.Y.

FITTING-
FUEL PRESSURE
LINE RESTRICTED

A 28G3013



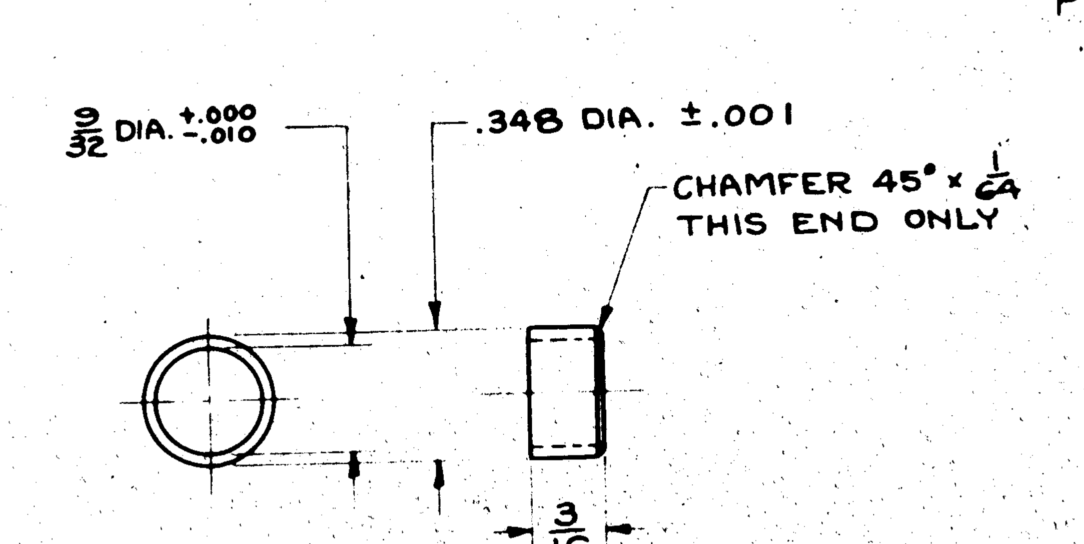
[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
D
29F166
29F166-6 FOR -2 & 3 ASSYS ONLY
5/8
13/16
29F166-6 (-3 ASSY ONLY)
29F166 CLIP
D
AN442-D4 RIVET
Q911A20-14 CLIP
5/32
SEE RELEASE SHEETS
C70496 & C91876 #1 TO 90
FOR SPARES ONLY
C91876
NOT FOR SPARES
C.70496-C77713 & C88476 ONLY
PBY-5 2863000 -0 4
PBY-5B 2863000 -3 2
PBY-5B 2863000 -2 2
PBY5A -3 2
PBY5A -2 2
PBY-5 2863000 -3 2
PBY-5 2863000 -2 2
PBY-5A 2863000 -0 4
LB30 -0 4
296001
Q911A20-14 1 1 1
29F166-6 1 2
AN442D4
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
WT CHG HEG 6-11-43
Q911A20-14 WAS Q911D20-14
CREATED -2 & 3 ASSEM
D ON FACE OF DWG & IN B/M
C LB30 REQ. ADDED TO B/M 5/26/41
B TRACED 3-15-38
LET. CHANGED DATE CH. BY
NAVY APPROVED
DATE 3-15-38
CALC. WT. .03
ACT. WT.
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
-0 -2 -3
SCALE 12"=1'0"
MATERIAL
SPEC'S. NO.
HEAT TREAT NONE
FINISH
DRAFTSMAN 7-13-37 WARD
STRENGTH & WT. EXAM.
CHECKED 7-14-37 MacDONALD
APPR'VD. & REL'S'D.
CLIP ASS'Y. - OIL & FUEL PRESSURE LINES
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No.



[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL | ASSEMBLY NUMBER | NO. PER ASS'Y | NO. PER AIRPLANE | STANDARD PARTS | NO. REQ'D | PART NUMBER | NO. REQ'D
PBY-5B 2863004 4
7/16
.1875 ±.010
B
D
1/16 R
3/8 DIA.
1" DIA.
CLOSE
1/4 R.
3/8 R
KNURL
CHAMFER 45° × 1/64
TAP #10-32 NF-3
NOTE:-
STAMP LETTERS 5/32 HIGH
& FILL WITH WHITE ENAMEL
KNOB TO BE PAINTED WITH
2 COATS RED ENAMEL.
FINISH CODE
Z ANODIC TREATMENT
P PRIMER
AP ALUMINIZED PRIMER
C CHROMIUM PLATE
PBY-4 S.O. #930-6 CONTRACT CHG. E
PBY-3 #926-43 CONTRACT CHG. Y
PBY-1 & PBY-2 S.O. #927-186
LIMIT ON DIMENSION UNLESS OTHERWISE SPECIFIED ± 1/64
C
PBY-5A 2863004 4
PBY-5 2863004 4
PBY-2 2863004
PBY-1 2863004
PBY-4 2863004
PBY-3 2863004
NAVY APPROVED [redacted] 4-7-38 DATE
CALC. WT. .02
ACT. WT.
SCALE 12" = 1'-0"
MATERIAL AL. ALLOY (24 ST)
SPEC'S. AC NAV NO.: 46A9
HEAT TREAT NONE
FINISH Z-P & NOTED
DRAFTSMAN 3-28-38 KEATING
STRENGTH & WT. EXAM. G.W.M. MOFFATT
CHECKED 3-30-38 NELSON
APPR'VD. & REL'S'D.
KNOB - FUEL SIGHT GAGE - SHUT-OFF VALVE
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 2863018
D TOLERANCE .1875 ±.010 WAS .1875 ±.008 2-13-41
C ADDED PBY-1 & PBY-2 REQ. 7-6-38 KEATING
ADDED 1/4 R & 3/8 R 4-18-38
WERE 3/16, REMOVED 7/32 DIM.
.1875 ±.002 WAS 3/16, 5/32 LETTERS
B 1" DIA. WAS 1 1/4 DIA. 4-18-38
A TRACED 4-7-38 TARBELL
LET. CHANGED DATE CH. BY

SUPPLIES & EQUIPMENT CLASSIFICATION	[redacted]		
LET	ALTERATION	DATE	BY
A	TRACED	4-11-38	THURBER
B	ADDED PBY-1 & PBY-2 REQMTS	7-6-38	[illegible]
C	MAT'L. CHANGED FROM CORR. RES.	7-19-38	THURBER
	STEEL TO PHENOLIC TUBING ;	"	"
	.348 DIA WAS .344	"	"

P



PBY-4 S.O. #930-6 CONTRACT CHG. E
PBY-3 S.O. #926-43 CONTRACT CHG. Y
PBY-1 & PBY-2 S.O. #927-186.

(B)

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-2	28G3002							
	PBY-1	28G3002							
	PBY-4	28G3002							
	PBY-3	28G3002							

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + .010 & - NOTED

[redacted]

APPROVED [illegible] — DATE 4-11-38

CALC. WT. .002 — ACT WT

SCALE 24" = 1'-0"

AC

NAVY LAMINATED PHENOLIC TUBING - ROLLED	17P5 TYPE FBG	NONE	NONE	DRAFT	CHECK	EXAM.	ENG.
MATERIAL	SPEC	HEAT TREAT	FINISH	3-28-38 DON WHEAT	3-29-38 H.G. NELSON	QWM MOFFATT	R.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

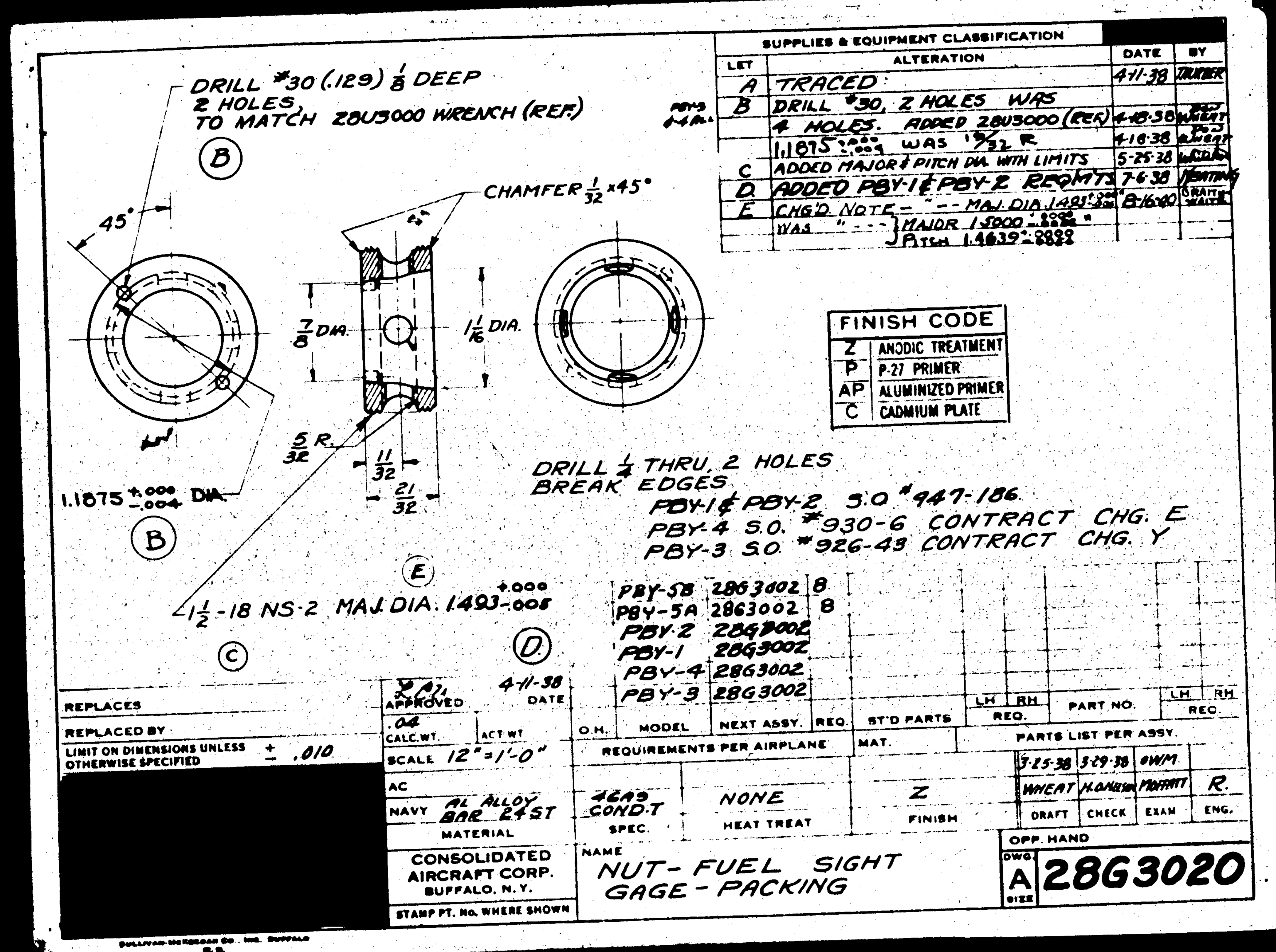
STAMP PT. No. WHERE SHOWN

NAME
SEAT-FUEL SIGHT GAGE SHUT-OFF VALVE

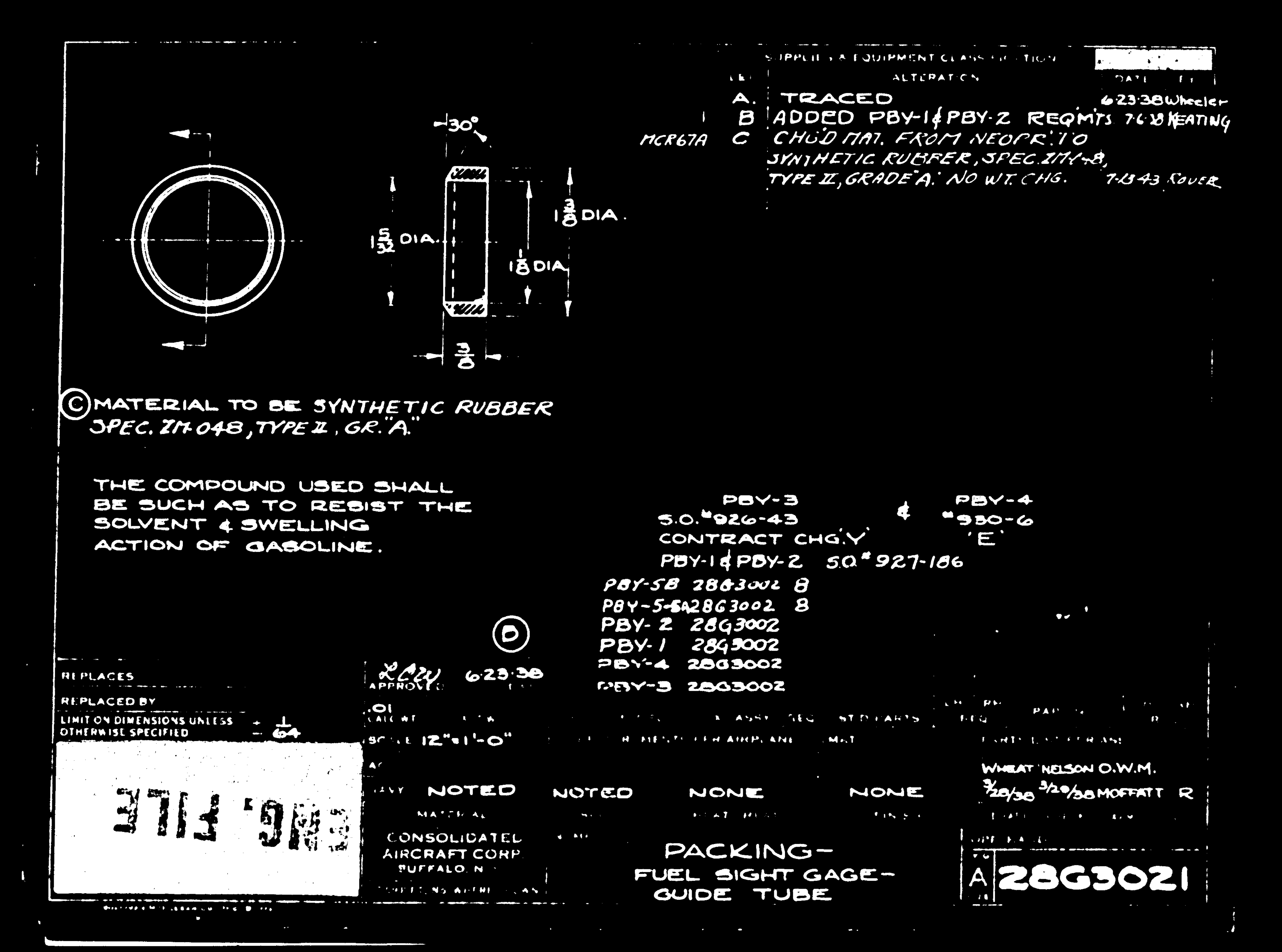
OPP. HAND

DWG SIZE A 28G3019

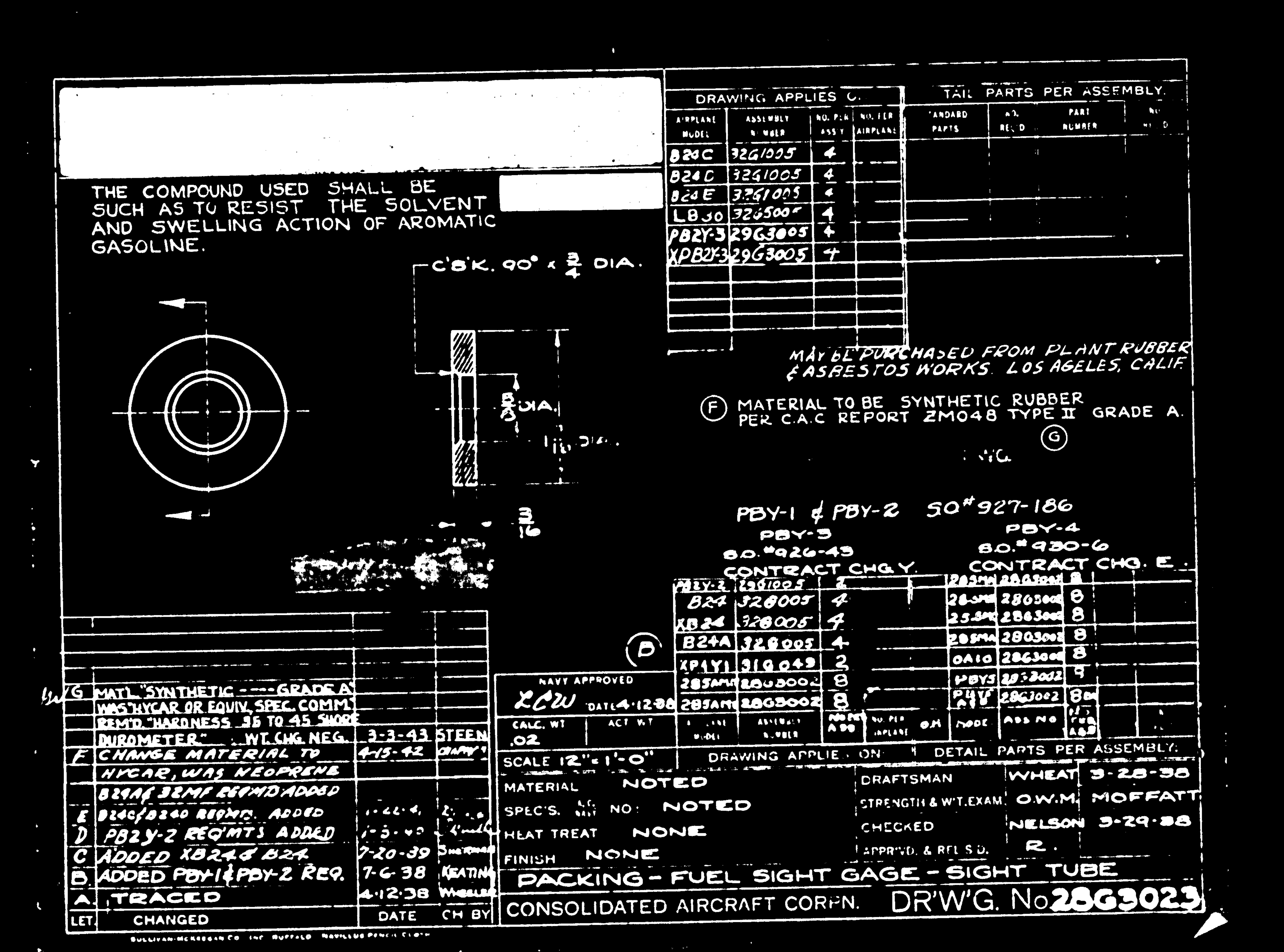
SULLIVAN-McKEEGAN CO., INC. BUFFALO
G.S.



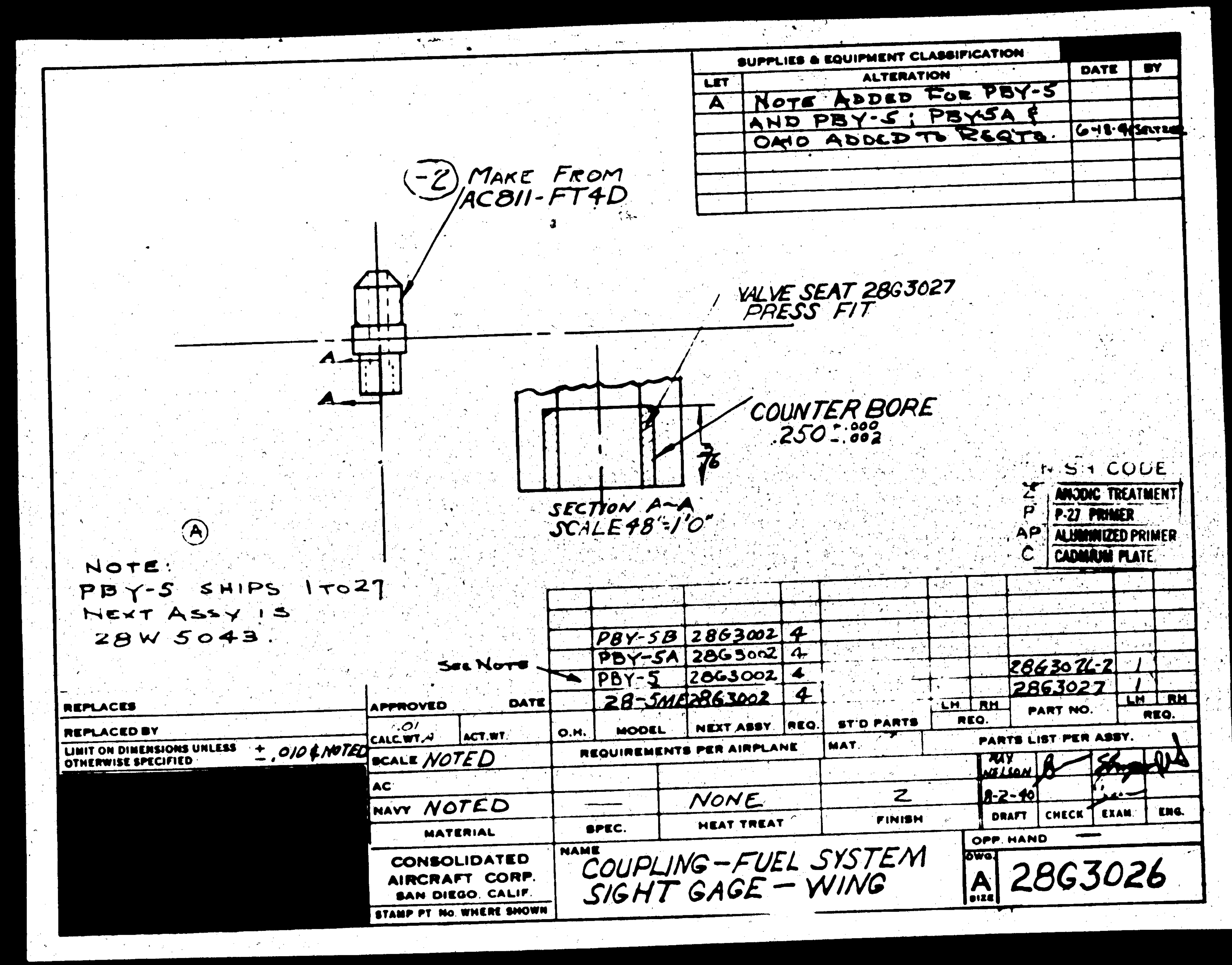
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A TRACED 4-11-38 THURBER
B DRILL #30, 2 HOLES WAS 4 HOLES. ADDED 28U3000 (REF) 4-18-38 WHEAT
1.1875 +.000 -.004 WAS 19/32 R 4-18-38 WHEAT
C ADDED MAJOR & PITCH DIA. WITH LIMITS 5-25-38
D ADDED PBY-1 & PBY-2 REQMTS 7-6-38
E CHG'D NOTE - "-- MAJ. DIA. 1.493 +.000 -.005" 8-16-40
WAS "---" MAJOR 1.5000 ; PITCH 1.4639
DRILL #30 (.129) 1/8 DEEP
2 HOLES,
TO MATCH 28U3000 WRENCH (REF.)
B
45°
CHAMFER 1/32 x 45°
7/8 DIA.
1 1/16 DIA.
5/32 R.
11/32
21/32
1.1875 +.000 -.004 DIA.
B
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
DRILL 1/4 THRU, 2 HOLES
BREAK EDGES
PBY-1 & PBY-2 S.O. #947-186
PBY-4 S.O. #930-6 CONTRACT CHG. E
PBY-3 S.O. #926-43 CONTRACT CHG. Y
E
1 1/2-18 NS-2 MAJ. DIA. 1.493 +.000 -.005
C
D
PBY-5B 28G3002 8
PBY-5A 28G3002 8
PBY-2 28G3002
PBY-1 28G3002
PBY-4 28G3002
PBY-3 28G3002
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED 4-11-38 DATE
.04 CALC. WT.
ACT. WT.
O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
SCALE 12" = 1'-0"
AC
NAVY AL ALLOY BAR 24ST
MATERIAL
46A9 COND. T
SPEC.
NONE
HEAT TREAT
Z
FINISH
3-25-38 3-29-38
WHEAT H. O. NELSON MOFFATT R.
DRAFT CHECK EXAM ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
NUT - FUEL SIGHT GAGE - PACKING
DWG. SIZE A
28G3020



ALTERATION
A. TRACED 6-23-38 Wheeler
B ADDED PBY-1 & PBY-2 REQ'MTS 7-6-38 KEATING
MCR67A C CHG'D MAT. FROM NEOPR. TO SYNTHETIC RUBBER, SPEC. ZM-48, TYPE II, GRADE "A." NO WT. CHG. 7-13-43 ROVER
30°
$1\frac{5}{32}$ DIA.
$1\frac{3}{8}$ DIA.
$1\frac{1}{8}$ DIA.
$\frac{3}{8}$
(C) MATERIAL TO BE SYNTHETIC RUBBER SPEC. ZM-048, TYPE II, GR. "A."
THE COMPOUND USED SHALL BE SUCH AS TO RESIST THE SOLVENT & SWELLING ACTION OF GASOLINE.
PBY-3 & PBY-4
S.O.#926-43 #930-6
CONTRACT CHG. "Y" "E"
PBY-1 & PBY-2 S.O.#927-186
PBY-5B 28G3002 8
PBY-5-5A 28G3002 8
PBY-2 28G3002
PBY-1 28G3002
PBY-4 28G3002
PBY-3 28G3002
(D)
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED LCW 6-23-38
.01
SCALE 12"=1'-0"
WHEAT NELSON O.W.M.
3/28/38 3/20/38 MOFFATT R
NOTED NOTED NONE NONE
MATERIAL
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
PACKING- FUEL SIGHT GAGE- GUIDE TUBE
A 28G3021
ENG. FILE



THE COMPOUND USED SHALL BE SUCH AS TO RESIST THE SOLVENT AND SWELLING ACTION OF AROMATIC GASOLINE.
C'S'K. 90° x 3/4 DIA.
5/8 DIA.
1 1/16 DIA.
3/16
DRAWING APPLIES ON
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
B24C 32G1005 4
B24D 32G1005 4
B24E 32G1005 4
LB30 32G5005 4
PB2Y-3 29G3005 4
XPB2Y-3 29G3005 4
DETAIL PARTS PER ASSEMBLY
STANDARD PARTS
NO. REQ'D
PART NUMBER
MAY BE PURCHASED FROM PLANT RUBBER & ASBESTOS WORKS. LOS AGELES, CALIF.
(F) MATERIAL TO BE SYNTHETIC RUBBER PER C.A.C REPORT ZM048 TYPE II GRADE A. (G)
PBY-1 & PBY-2 SO# 927-186
PBY-3
S.O. #926-43
CONTRACT CHG. Y.
PBY-4
S.O. # 930-6
CONTRACT CHG. E.
(B)
PB2Y-2 29G1005 2
B24 32G005 4
XB24 32G005 4
B24A 32G005 4
XP4Y1 31G049 2
28-5AM 28G3002 8
28-5AM 28G3002 8
28-5MA 28G3002 8
28-5ME 28G3002 8
28-5MC 28G3002 8
28-5MA 28G3002 8
OA10 28G3002 8
PBY5 28G3002 9
PBY-A 28G3002 8
MODEL
ASS'Y NO.
NO. PER AIRPLANE
NAVY APPROVED
ECW DATE 4-12-38
CALC. WT .02
ACT. WT
SCALE 12" = 1'-0"
MATERIAL NOTED
SPEC'S. NO: NOTED
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN WHEAT 3-28-38
STRENGTH & W'T. EXAM. O.W.M. MOFFATT
CHECKED NELSON 3-29-38
APPR'VD. & REL S.D. R.
PACKING - FUEL SIGHT GAGE - SIGHT TUBE
CONSOLIDATED AIRCRAFT CORP'N.
DR'W'G. No 28G3023
G MATL. "SYNTHETIC ---- GRADE A" WAS "HYCAR OR EQUIV. SPEC. COMM." REM'D. "HARDNESS 35 TO 45 SHORE DUROMETER." WT. CHG. NEG. 3-3-43 STEEN
F CHANGE MATERIAL TO HYCAR, WAS NEOPRENE 4-15-42
B24A & 32MF REQ'M'D. ADDED
E B24C/B24D REQ'M'TS ADDED
D PB2Y-2 REQ'MTS ADDED
C ADDED XB24 & B24 7-20-39
B ADDED PBY-1 & PBY-2 REQ. 7-6-38 KEATING
A TRACED 4-12-38 WHEELER
LET. CHANGED DATE CH BY
SULLIVAN-McKEEGAN CO. INC. BUFFALO


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
NOTE ADDED FOR PBY-5
AND PBY-5; PBY-5A &
OA10 ADDED TO REQTS.
6-18-41
-2 MAKE FROM
AC811-FT4D
VALVE SEAT 28G3027
PRESS FIT
A
A
COUNTER BORE
.250 +.000 -.002
76
SECTION A-A
SCALE 48"=1'0"
A
FINISH CODE
Z
ANODIC TREATMENT
P
P-27 PRIMER
AP
ALUMINIZED PRIMER
C
CADMIUM PLATE
NOTE:
PBY-5 SHIPS 1 TO 27
NEXT ASSY IS
28W 5043.
SEE NOTE
PBY-5B
28G3002
4
PBY-5A
28G3002
4
PBY-5
28G3002
4
28-5ME
28G3002
4
28G3026-2
1
28G3027
1
LH
RH
PART NO.
LH
RH
REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010 & NOTED
APPROVED
DATE
.01
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY
REQ.
ST'D PARTS
REQ.
PARTS LIST PER ASSY.
SCALE NOTED
REQUIREMENTS PER AIRPLANE
MAT.
AC
NAVY NOTED
NONE
Z
MATERIAL
SPEC.
HEAT TREAT
FINISH
8-2-40
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
COUPLING-FUEL SYSTEM
SIGHT GAGE-WING
DWG.
A
SIZE
28G3026

LET	ALTERATION	DATE	BY

SUPPLIES & EQUIPMENT CLASSIFICATION

$\frac{3}{16}$ I.D. $^{+.010}_{-.005}$

.251 OD $^{+.002}_{-.000}$

CHAMFER 45° x $\frac{1}{64}$
THIS END ONLY

$\frac{3}{16}$

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28G3026	4						
	PBY-5A	28G3026	4						
	PBY-5	28G3026	4						
	28-5ME	28G3026	4						

REQUIREMENTS PER AIRPLANE — MAT. ⌀ — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .004 NOTED

[redacted]

APPROVED DATE

CALC. WT. .0002 — ACT. WT.

SCALE 48" = 1'0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY LAM. PHENOLIC ROLLED TUBING	17P5 TYPE FBG	NONE	NONE	Ray Nelson 8-1-4[illegible]	[signature]	[signature]	[signature]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME SEAT-FUEL SIGHT GAGE SHUT-OFF VALVE

OPP. HAND —

DWG. SIZE A — 28G3027

E.O. 23280

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	WAS 2 1/8	11-1-40	

DRILL #29 (.136)
(2 HOLES)

45°

7/8

11/16

23/32

4 1/2

(A)

45°

9/32

9/16

MAKE FROM 1 X 1 X 1/16
ALUM. ALLOY ANGLE
DIE No K78J (24ST)

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5 B	28G5000	1						
	PBY-5A	28G5000	1						
	PBY-5	28G5000	1						

REQUIREMENTS PER AIRPLANE — MAT. 8 — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED — DATE

CALC. WT. — ACT. WT.

SCALE 12 = 1-0

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY AL. ALLOY (24ST)	46A9 Cond. T	NONE	Z-P-2AP

DRAFT	CHECK	EXAM.	ENG.
SUGGS	MAC DONALD		
11-7-39	11-24-39		

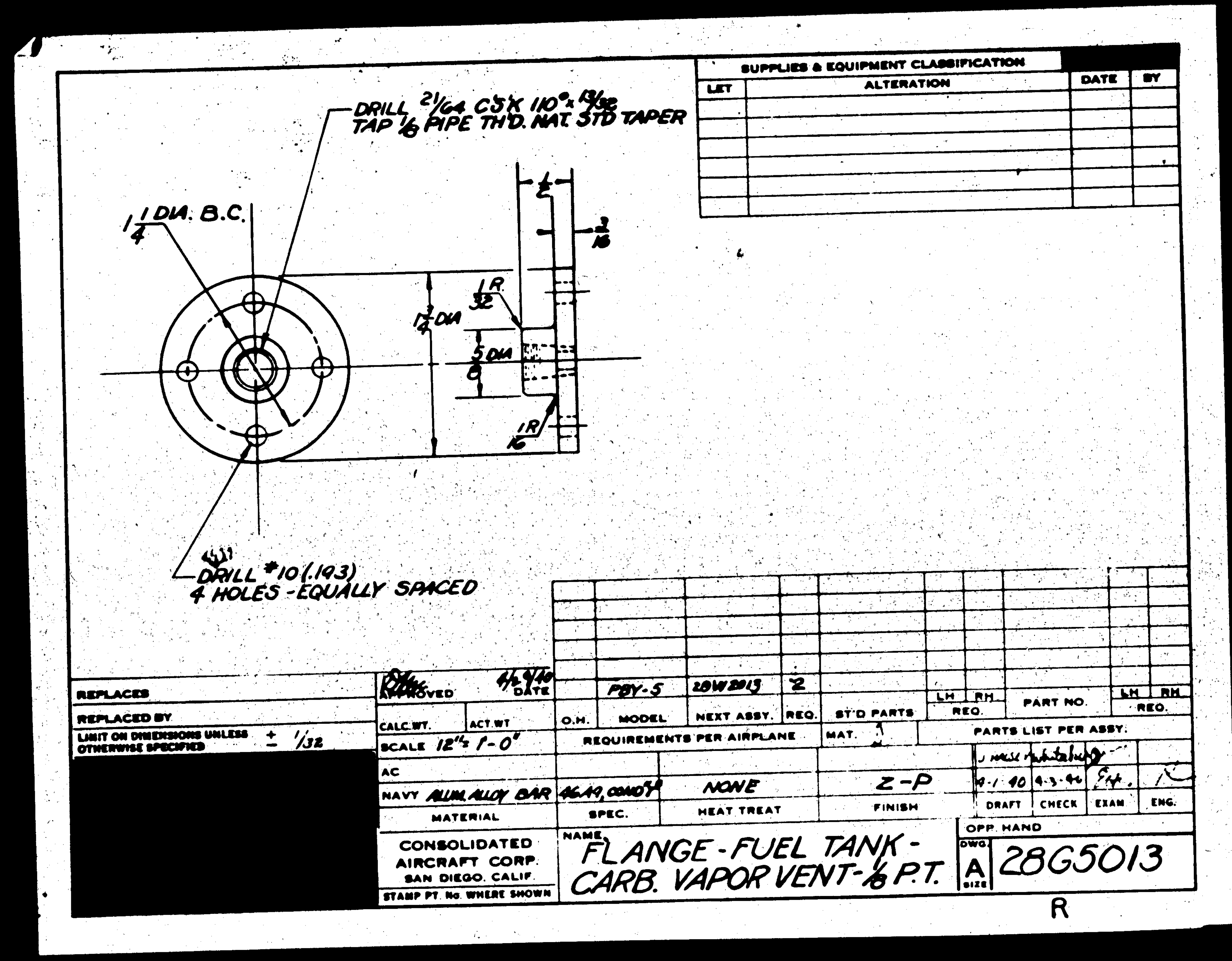
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

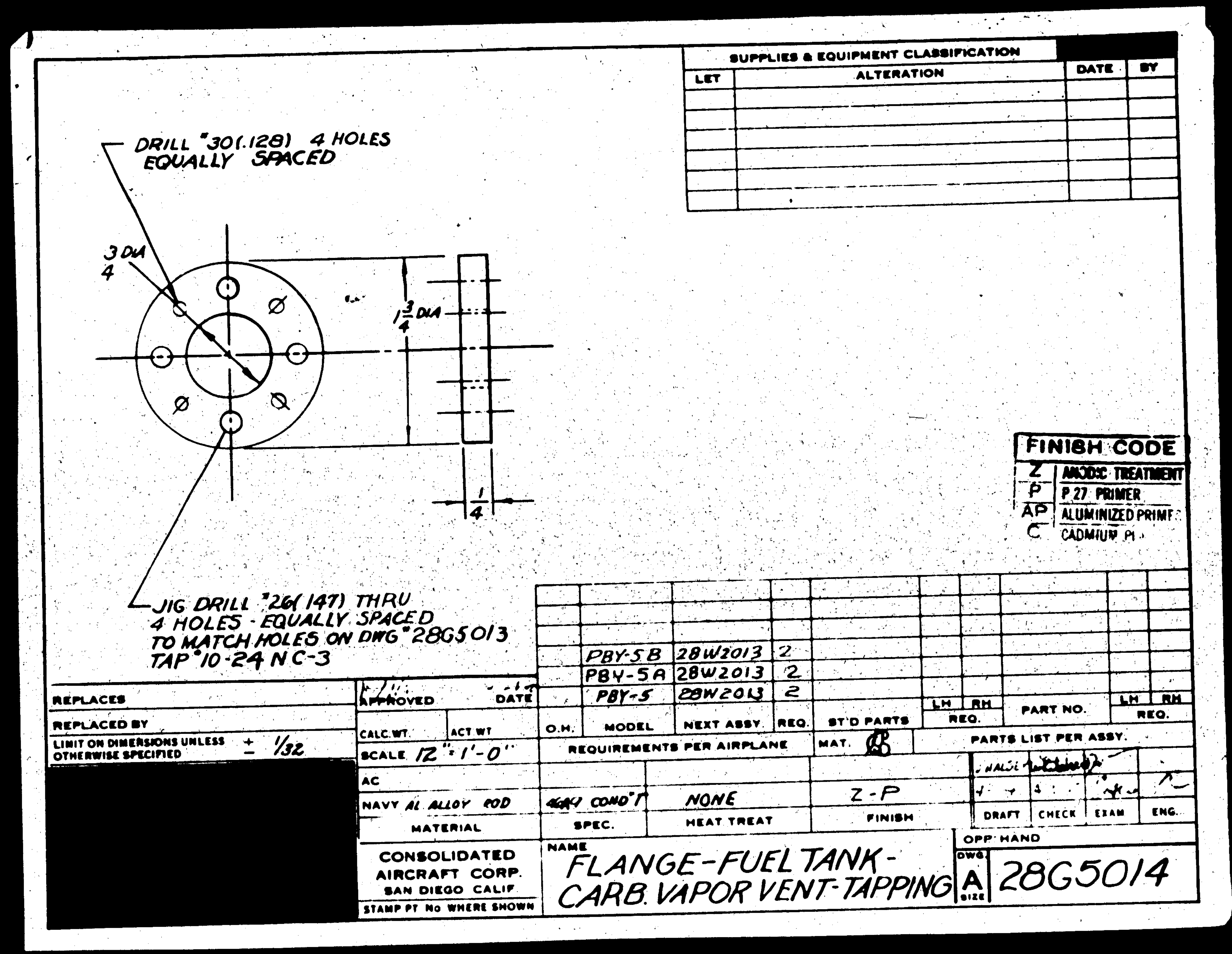
STAMP PT. No. WHERE SHOWN

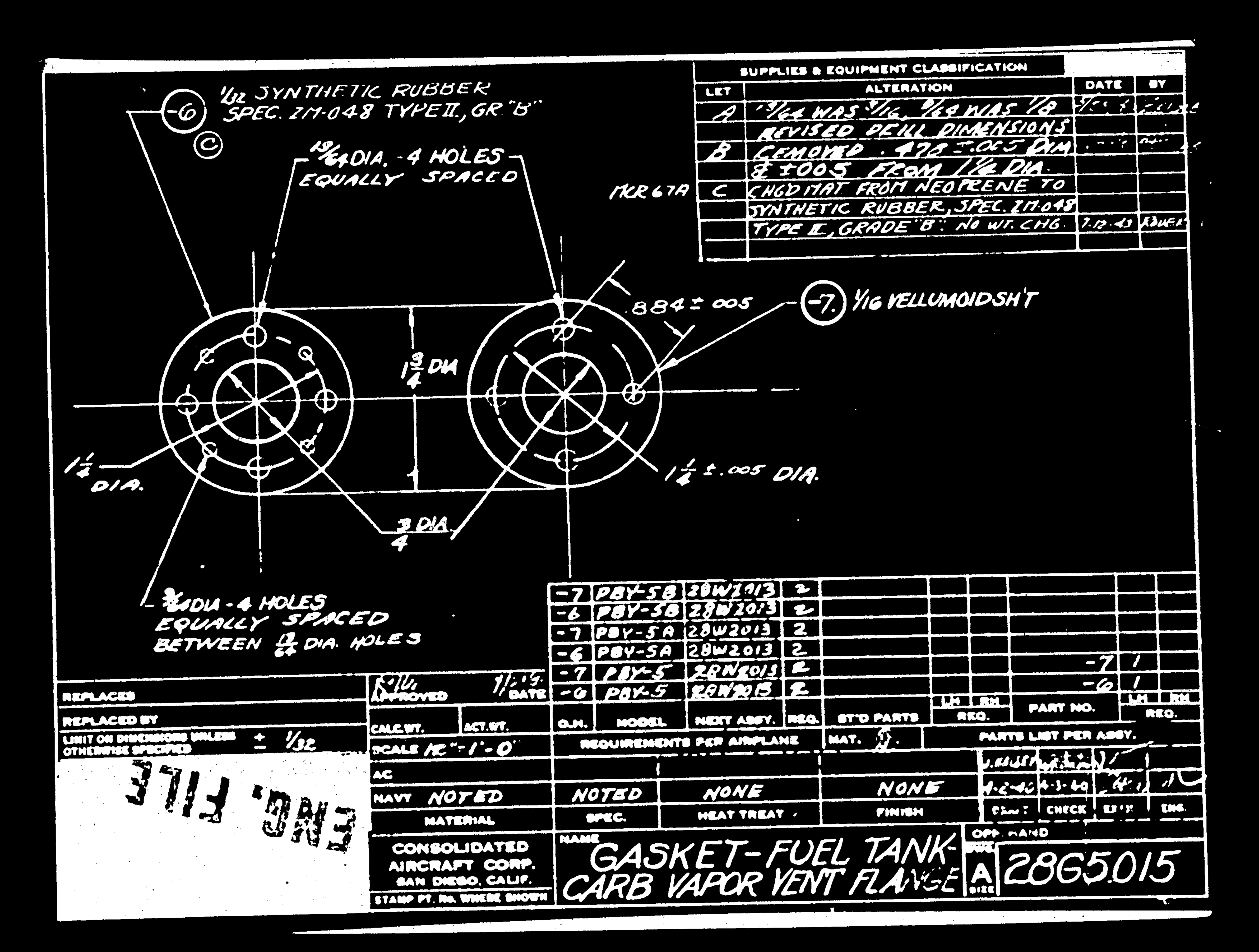
NAME: SUPPORT ENG. PRIMER LINES

OPP. HAND

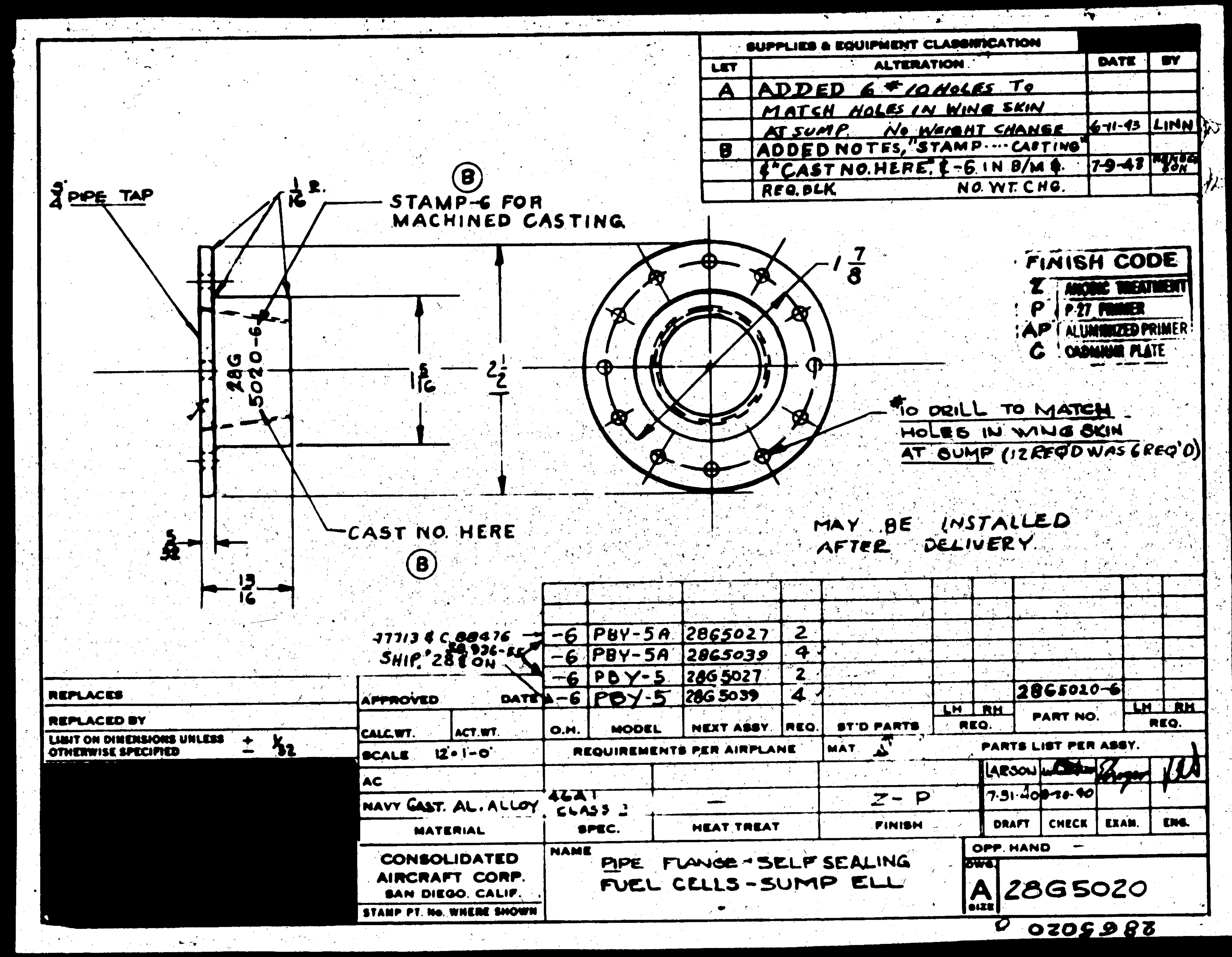
DWG. SIZE A — 28G5010

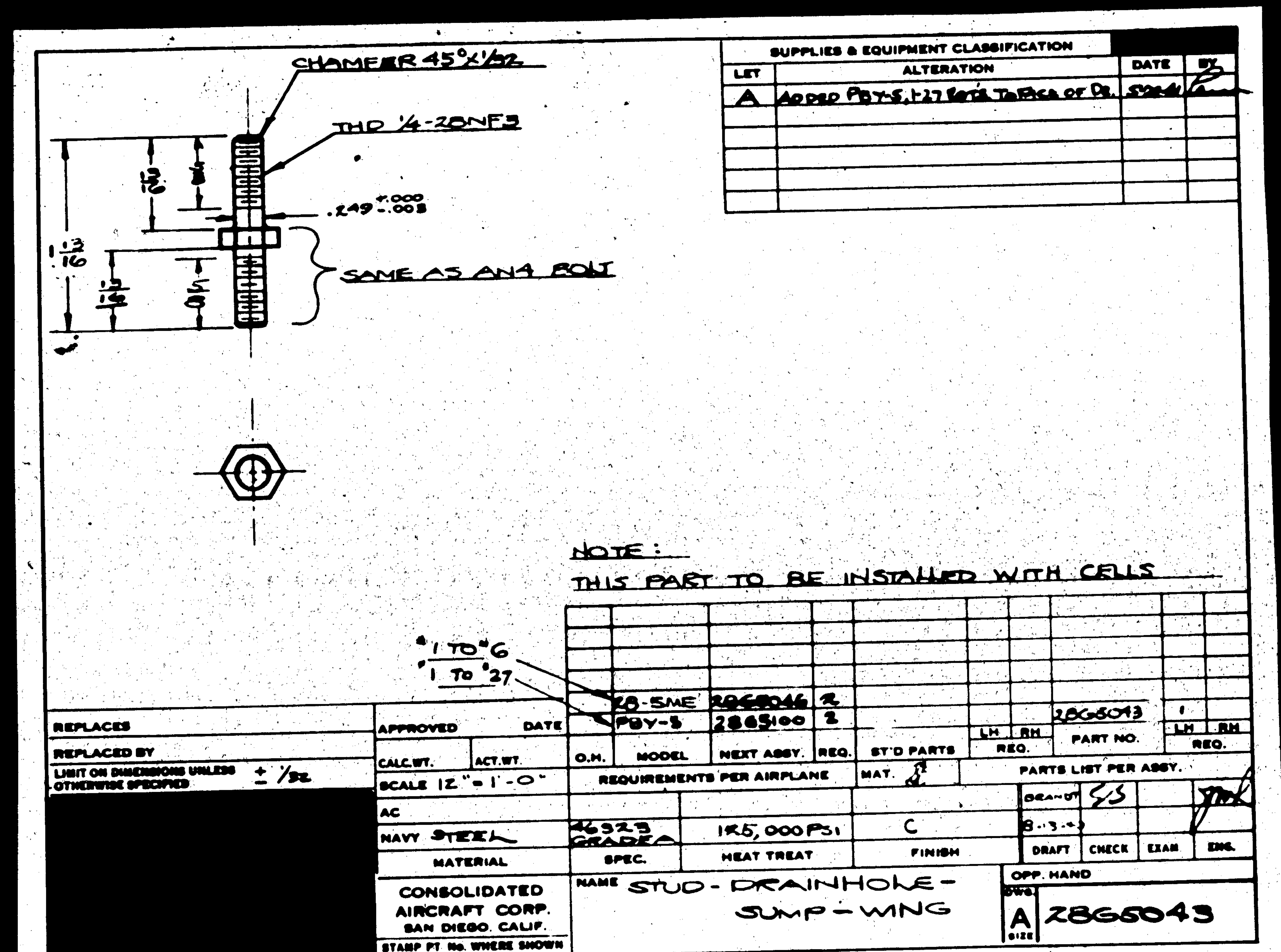

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
DRILL 21/64 CSK 110° x 13/32
TAP 1/8 PIPE TH'D. NAT. STD TAPER
1 1/4 DIA. B.C.
1 3/4 DIA
5/8 DIA
1/32 R.
1/16 R
3/16
DRILL #10 (.193)
4 HOLES - EQUALLY SPACED
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT
SCALE 12" = 1-0"
AC
NAVY ALUM. ALLOY BAR
MATERIAL
SPEC.
NONE
HEAT TREAT
Z-P
FINISH
O.H.
PBY-5
MODEL
28W2013
NEXT ASSY.
2
REQ.
ST'D PARTS
LH RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
4-1-40
4-3-40
DRAFT
CHECK
EXAM
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
FLANGE - FUEL TANK - CARB. VAPOR VENT - 1/8 P.T.
DWG. SIZE A
28G5013
R


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
DRILL #30(.128) 4 HOLES EQUALLY SPACED
3/4 DIA
1 3/4 DIA
1/4
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PL
JIG DRILL #26(.147) THRU
4 HOLES - EQUALLY SPACED
TO MATCH HOLES ON DWG #28G5013
TAP #10-24 NC-3
PBY-5B 28W2013 2
PBY-5A 28W2013 2
PBY-5 28W2013 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT
SCALE 12" = 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
[redacted]
AC
NAVY AL ALLOY ROD
CONDIT
NONE
Z-P
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO CALIF.
STAMP PT No WHERE SHOWN
NAME
FLANGE-FUEL TANK-
CARB. VAPOR VENT-TAPPING
DWG. SIZE A
28G5014

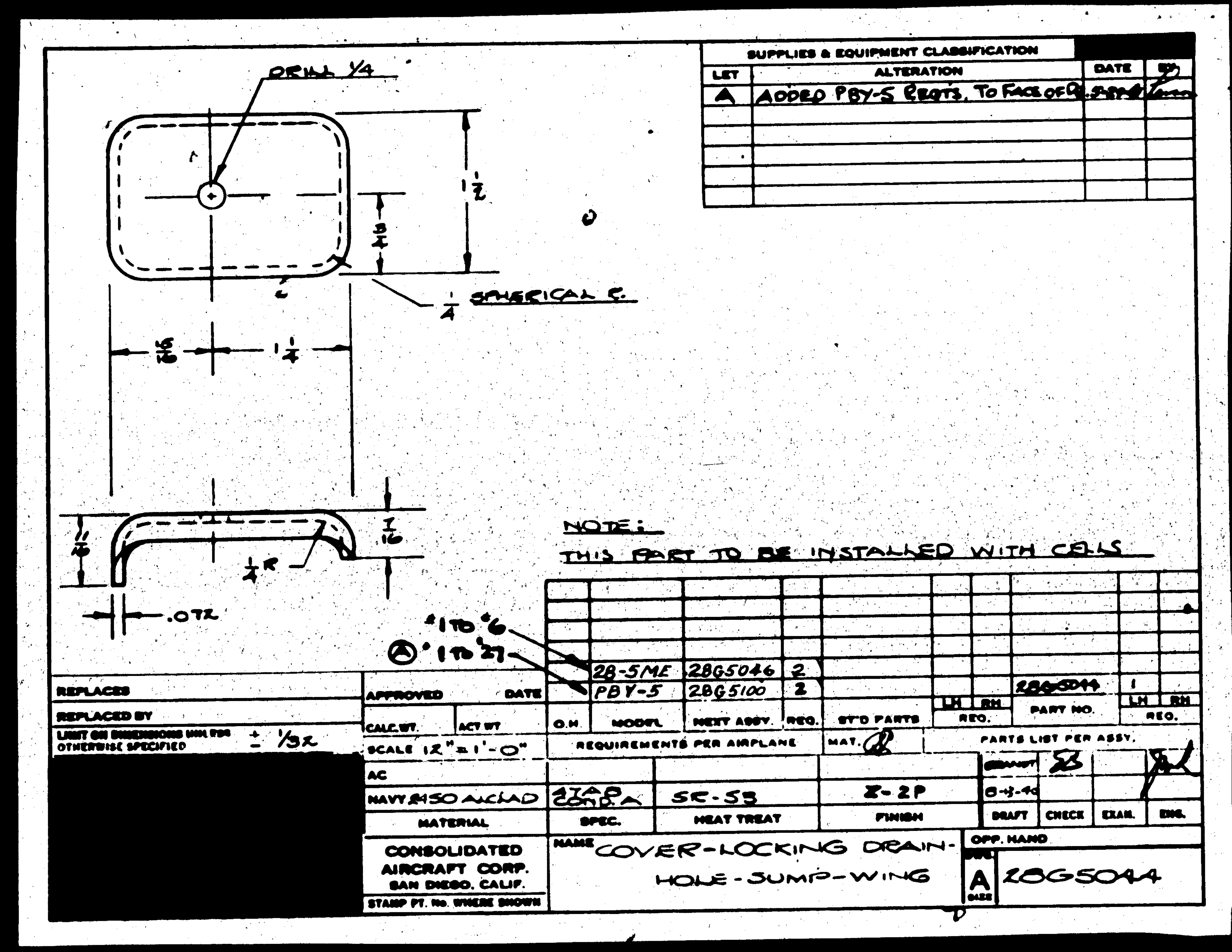


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A 13/64 WAS 3/16, 9/64 WAS 1/8 REVISED DRILL DIMENSIONS
B REMOVED .478 ±.005 DIM & ±005 FROM 1/4 DIA.
C CHGD MAT FROM NEOPRENE TO SYNTHETIC RUBBER, SPEC. ZM-048 TYPE II, GRADE "B". NO WT. CHG. 7-12-43
-6 1/32 SYNTHETIC RUBBER SPEC. ZM-048 TYPE II, GR "B"
13/64 DIA. - 4 HOLES EQUALLY SPACED
MCR 67A
.884 ± .005
-7 1/16 VELLUMOID SH'T
1 3/4 DIA
1 1/4 DIA.
1 1/4 ±.005 DIA.
3/4 DIA.
9/64 DIA - 4 HOLES EQUALLY SPACED BETWEEN 13/64 DIA. HOLES
-7 PBY-5B 28W2013 2
-6 PBY-5B 28W2013 2
-7 PBY-5A 28W2013 2
-6 PBY-5A 28W2013 2
-7 PBY-5 28W2013 2
-6 PBY-5 28W2013 2
-7 1
-6 1
DASH NO. MODEL NEXT ASSY. REQ. STD PARTS REQ. PART NO. REQ. LH RH
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
APPROVED DATE
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
CALC. WT. ACT. WT.
SCALE FULL
AC
NAVY NOTED
MATERIAL
NOTED SPEC.
NONE HEAT TREAT
NONE FINISH
MAT.
DRAWN CHECK
ENG. FILE
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
GASKET-FUEL TANK-CARB VAPOR VENT FLANGE
OPP. HAND
A SIZE
2865015


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ADDED 6 #10 HOLES TO MATCH HOLES IN WING SKIN AT SUMP. NO WEIGHT CHANGE
6-11-43
LINN
B
ADDED NOTES, "STAMP.... CASTING" & "CAST NO. HERE." & -6 IN B/M & REQ. BLK. NO. WT. CHG.
7-9-43
B
3/4 PIPE TAP
1/16 R.
STAMP -6 FOR MACHINED CASTING
1 7/8
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
28G 5020-6
1 5/16
2 1/2
#10 DRILL TO MATCH HOLES IN WING SKIN AT SUMP (12 REQ'D WAS 6 REQ'D)
CAST NO. HERE
B
5/32
13/16
MAY BE INSTALLED AFTER DELIVERY.
27713 & C 88476
SHIP. 28 & ON
-6 PBY-5A 28G5027 2
-6 PBY-5A 28G5039 4
-6 PBY-5 28G5027 2
-6 PBY-5 28G5039 4
28G5020-6
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY CAST. AL. ALLOY 46A1 CLASS 2
MATERIAL
SPEC.
—
HEAT TREAT
Z - P
FINISH
LARSON
7-31-40
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
PIPE FLANGE - SELF SEALING FUEL CELLS - SUMP ELL
OPP. HAND —
DWG.
A SIZE
28G5020
0 0205987
28G5020



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ADDED PBY-5, 1-27
CHAMFER 45° x 1/32
THD 1/4-28NF3
.249 +.000 -.003
1 13/16
SAME AS AN4 BOLT
5/8
NOTE:
THIS PART TO BE INSTALLED WITH CELLS
#1 TO #6
#1 TO #27
28-5ME
PBY-5
2865100
2865043
LH
RH
REQ.
PART NO.
O.H.
MODEL
NEXT ASSY.
ST'D PARTS
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY STEEL
MATERIAL
46923 GRADE A
SPEC.
125,000 PSI
HEAT TREAT
C
FINISH
DRAWN
8-3-43
DRAFT
CHECK
EXAM
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME STUD - DRAINHOLE - SUMP - WING
DWG.
A
SIZE
2865043



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
A
ADDED PBY-5 REQ'TS. TO FACE OF
DRILL 1/4
1 1/2
3/4
1/4 SPHERICAL R.
15/16
1 1/4
11/16
7/16
1/4 R
.072
NOTE:
THIS PART TO BE INSTALLED WITH CELLS
#1 TO #6
A #1 TO #27
28-5ME
28G5046
2
PBY-5
28G5100
2
28G5044
1
LH
RH
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT WT
SCALE 12" = 1'-0"
AC
NAVY 2450 ALCLAD
24AB COND. A
SC-53
Z-2P
DRAFT
CHECK
EXAM.
ENG.
MATERIAL
SPEC.
HEAT TREAT
FINISH
[redacted]
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME COVER-LOCKING DRAIN-HOLE-SUMP-WING
OPP. HAND
A
SIZE
28G5044

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]

LET	ALTERATION	DATE	BY
A	ADD. XB24B, B24C & B24D REQTS	1-23-41	[illegible]
B	ADDED NOTE - TO BE AROMATIC RES.	[illegible]	[illegible]
C	IN REQ/AIR BLOCK N.A. 28G3000 TO C.70496, 77713 & 88464 FOR PBY-5A & C.70496 & 91876 #1-345 FOR PBY-5. ADDED 28G5142 N.A. FOR PBY-5 C.91876 #346 ON & PBY-5A NOA(S)464 NO WT. CHG.	7-3-43	SHAW

MCR# 190 A

(B) NOTE: -
TO BE AROMATIC RESISTANT

$13\frac{3}{4} \pm \frac{1}{8}$

(NAVY SPEC. M-389) (ARMY SPEC #27757)

1/4 I.D. WEATHERHEAD #3752

1/8 P.T.

SPEC. M262 (NAVY) FLEX. TUBING OR EQUIVALENT

SPEC. 25525 (ARMY)

ALL FITTINGS AL. ALLOY
MATERIAL & FINISH TO
CONFORM TO NAVY & ARMY
SPECIFICATIONS
PURCHASE TO DWG

TESTED & GUARANTEED
BY MANUFACTURER

SEE RELEASE SHEETS

MCR 190A {C.NOA(S)464, C.91876 #346 ON}

C.70496, 77713, & 88476 ONLY

C.70496 & 91876 #1 TO 345

O.H.	MODEL	NEXT ASSY	REQ.
	PBY-5A	28G5142	2
	PBY-5	28G5142	2
	PBY-5B	28G3000	2
	PBY-5A	28G3000	2
	B24D	32G1006	4
	B24C	32G1006	4
	XB24B	32G1006	4
	28-5ME	28G3000	2
	PBY-5	28G3000	2

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± NOTED

[redacted]

APPROVED: L. H. OWEN DATE

CALC. WT. .10 A ACT. WT.

SCALE 12" = 1'-0"

REQUIREMENTS PER AIRPLANE

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC	NOTED	NOTED	NONE	NOTED
NAVY	NOTED	NOTED	NONE	NOTED

MAT

DRAFT	CHECK	EXAM.	ENG.
WILLEY 8-20-40	SUGGS 8-22-40	[illegible]	[illegible]

OPP HAND

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF

STAMP PT No WHERE SHOWN

NAME TUBE ASSEM. - FUEL SYST. - PUMP DRAIN (FLEX.)

DWG. SIZE A 28G5050

28G5050

E.O.A59600

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	IN MAT. BLOCK CHG. YELLU-MOID MAT. TO SYN. RUBBER. WT. CHG. NEG.	10-12-42	MOE
B	ON FACE OF DWG. PUNCH #10 (12 HOLES) WAS (6 HOLES) NO WEIGHT CHANGE	6-12-43	LINN

(B)

PUNCH #10 -(12 HOLES) EVENLY SPACED. HOLES MUST MATCH THOSE IN 28G5030

$1\frac{1}{8}$

$1\frac{7}{8}$

$2\frac{1}{2}$

28-5MC	28G5039	4
28-5ME	↕	4
28-5MN		4
28-5AMN		4
28-5MA		4
28-5ANC	28G5039	4
28-5ME	28G5027	2
28-5MN	28G5027	2
28-5AMN	28G5027	2
28-5MA	28G5027	2
PBY-5A	28G5039	4
PBY-5A	28G5027	2
PBY-5	28G5039	4
PBY-5	28G5027	2

"28 & ON"

MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED — DATE

CALC. WT. — ACT. WT. — O.H.

SCALE 12" = 1'-0"

AC

NAVY 1/32 SYNTHETIC RUBBER AROMATIC RESISTANT — CAC SPEC. — HEAT TREAT — — FINISH —

MATERIAL — SPEC. — HEAT TREAT — FINISH

MAT.

BRANDT — 9-22-40 — DRAFT — CHECK — EXAM. — ENG.

OPP. HAND —

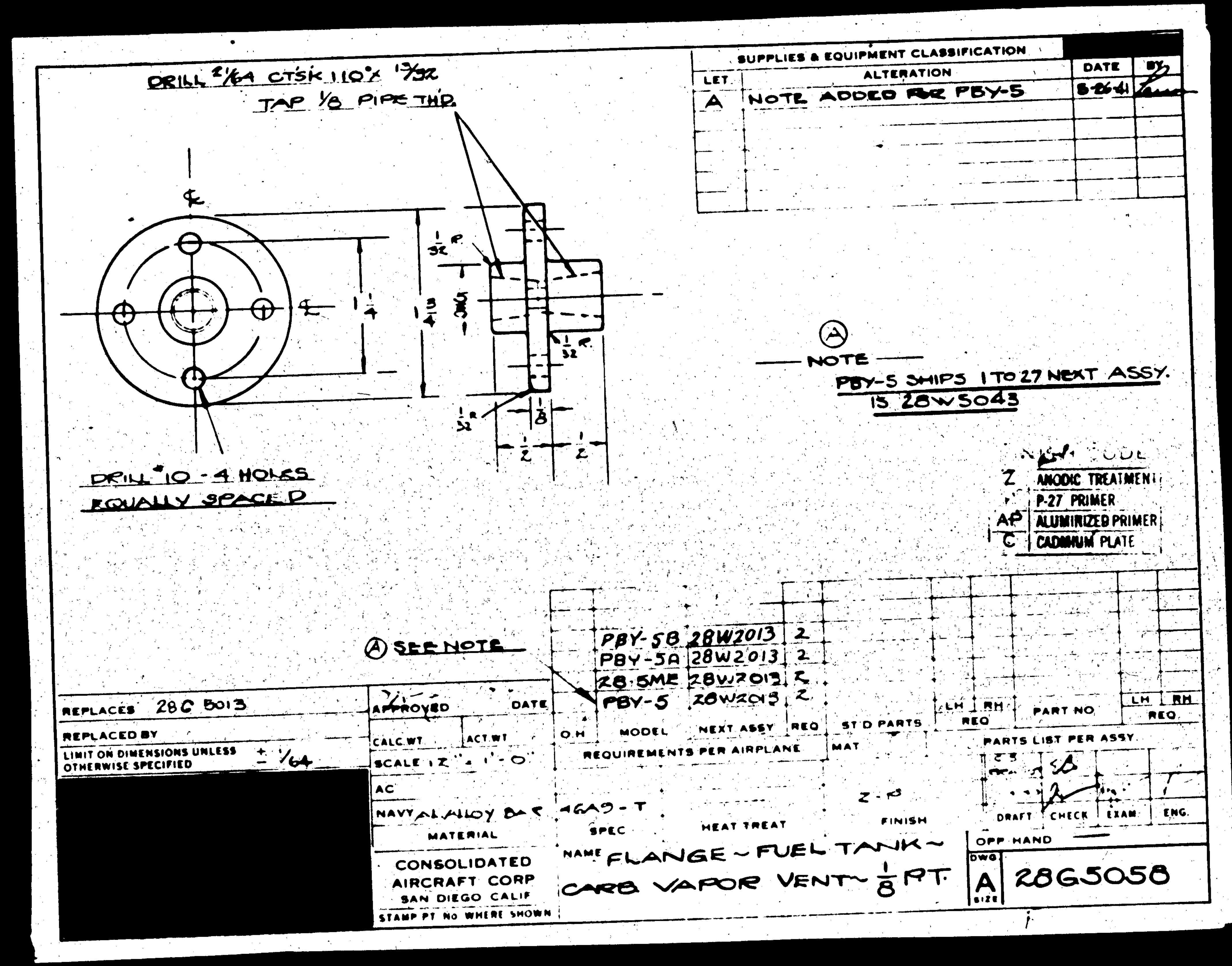
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

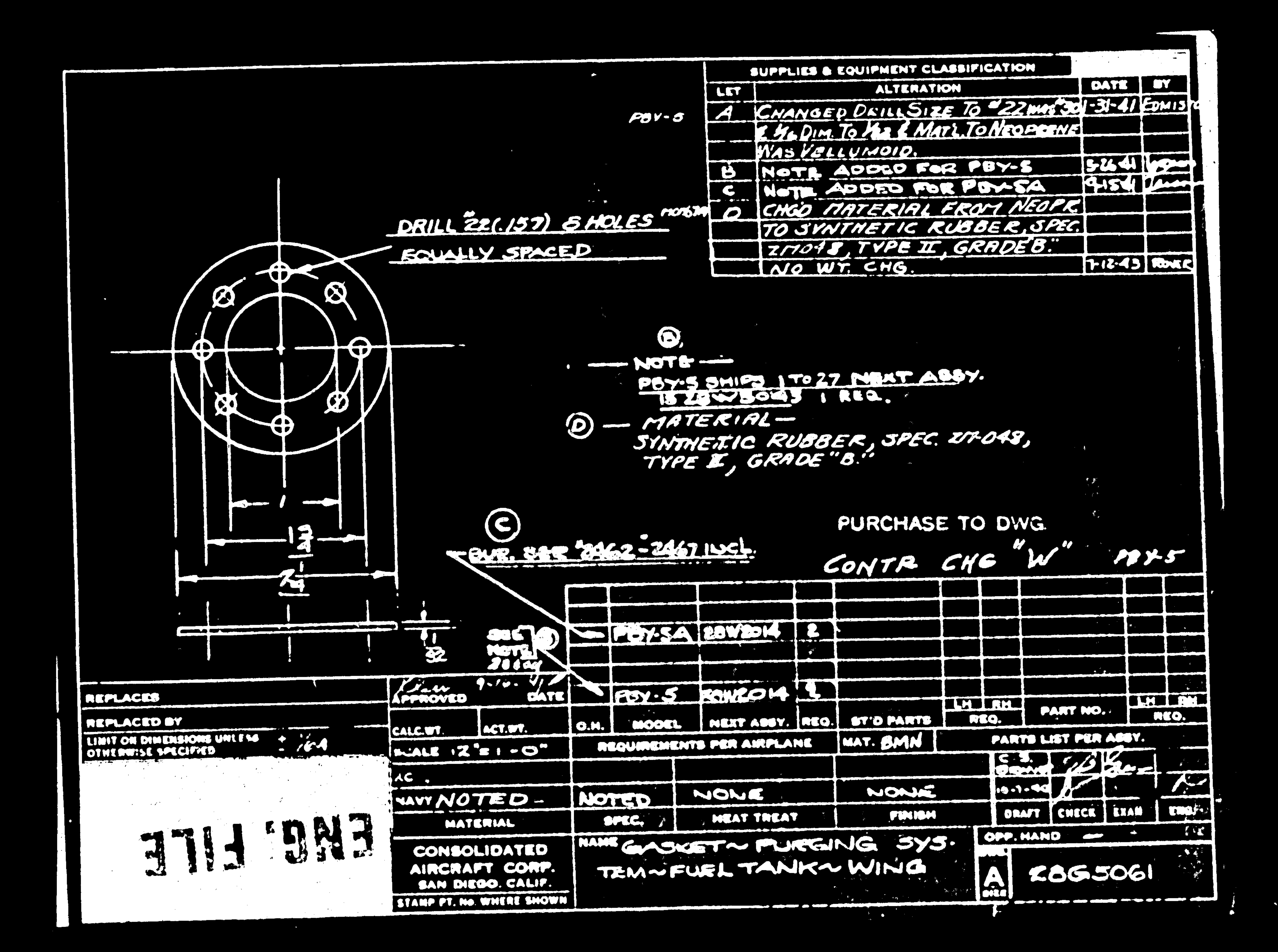
NAME GASKET - SUMP - WING - CENTER SECTION.

SIZE A — DWG. 28G5053

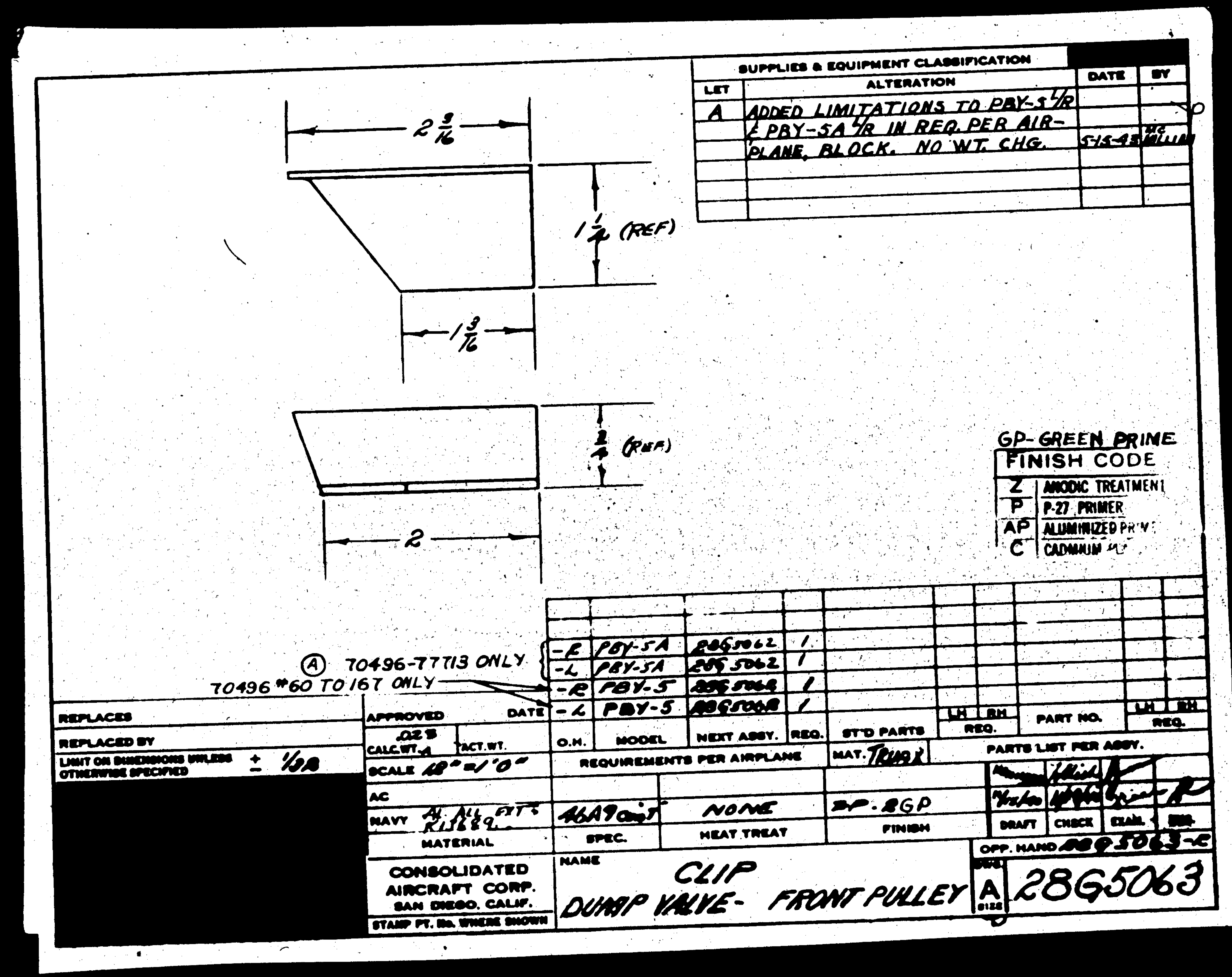
28G5053



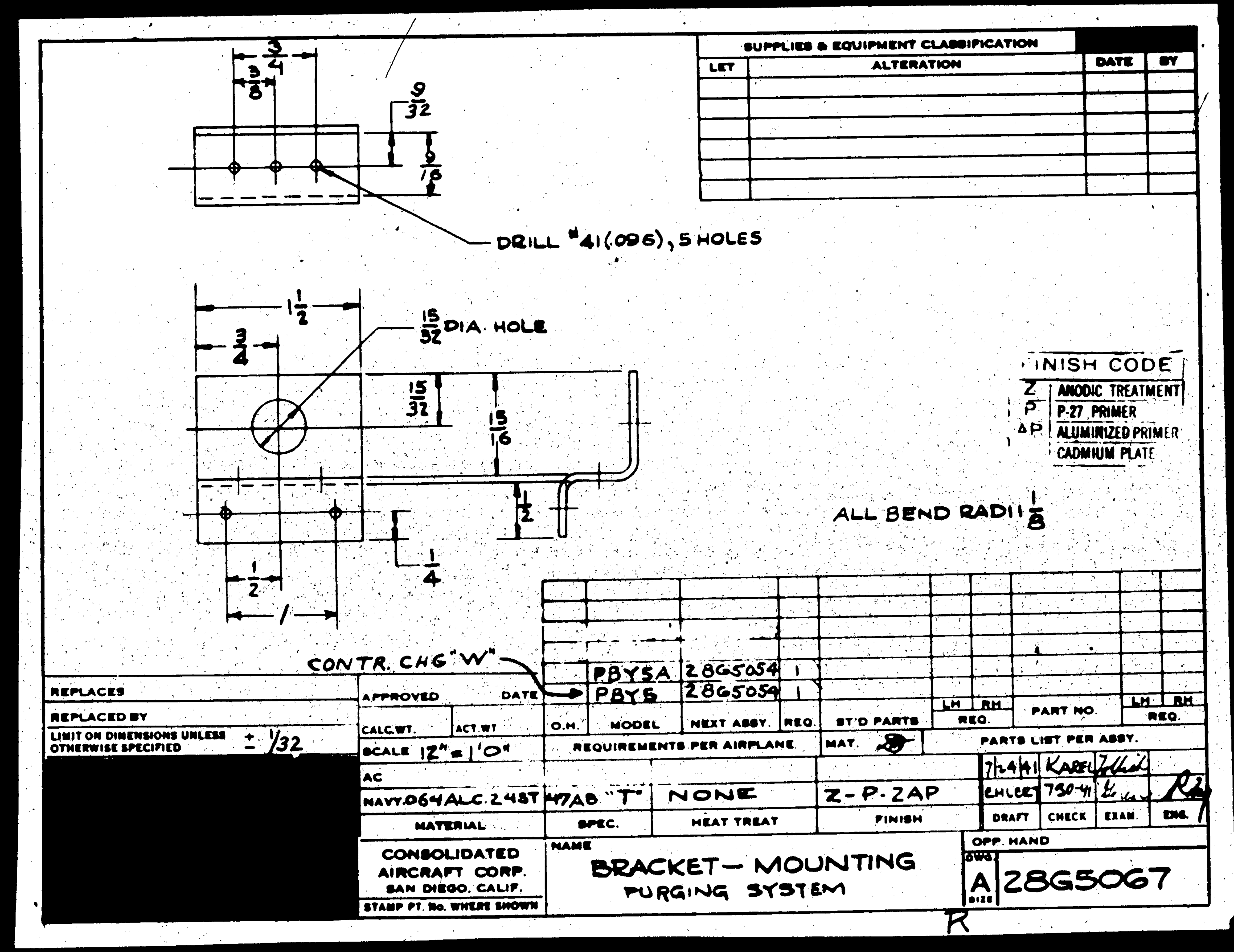
SUPPLIES & EQUIPMENT CLASSIFICATION
LET. | ALTERATION | DATE | BY
A | NOTE ADDED FOR PBY-5 | 8-26-41
DRILL 21/64 CTSK 110° x 13/32
TAP 1/8 PIPE THD.
1/32 R.
1 1/4
1 3/4
5/16
1/8
1/2
DRILL #10 - 4 HOLES EQUALLY SPACED
(A) NOTE
PBY-5 SHIPS 1 TO 27 NEXT ASSY. IS 28W5043
Z ANODIC TREATMENT
P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
(A) SEE NOTE
PBY-5B 28W2013 2
PBY-5A 28W2013 2
28-5ME 28W2013 2
PBY-5 28W2013 2
O.H. MODEL NEXT ASSY REQ
REQUIREMENTS PER AIRPLANE
STD PARTS
LH RH REQ
PART NO.
LH RH REQ.
PARTS LIST PER ASSY.
REPLACES 28C 5013
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
[redacted]
APPROVED DATE
CALC.WT. ACT.WT.
SCALE 1/2" = 1'-0"
AC
NAVY AL ALLOY BAR 46A9-T
MATERIAL
SPEC
HEAT TREAT
Z-P
FINISH
MAT
DRAFT CHECK EXAM ENG.
OPP HAND
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF
STAMP PT NO WHERE SHOWN
NAME FLANGE ~ FUEL TANK ~ CARB VAPOR VENT ~ 1/8 P.T.
DWG SIZE A
28G5058



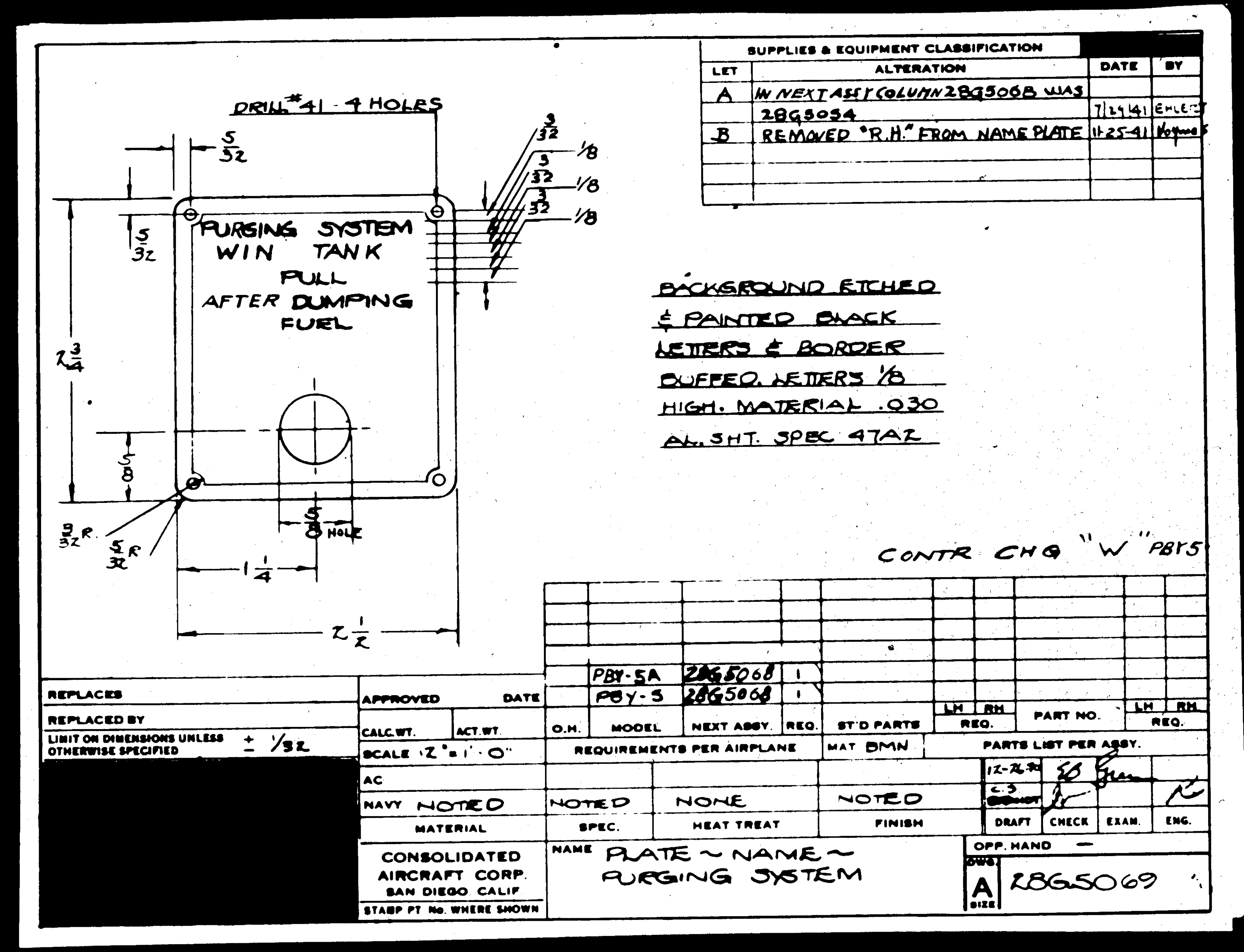
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | CHANGED DRILL SIZE TO #22 WAS #30 & 1/16 DIM. TO 1/32 & MAT'L TO NEOPRENE WAS VELLUMOID. | 1-31-41 | EDMISTON
B | NOTE ADDED FOR PBY-5 | 5-26-41
C | NOTE ADDED FOR PBY-5A | 9-15-41
D | CHGD MATERIAL FROM NEOPR. TO SYNTHETIC RUBBER, SPEC. 27048, TYPE II, GRADE "B." NO WT. CHG. | 7-12-43
PBY-5
DRILL #22 (.157) 8 HOLES
EQUALLY SPACED
NOTE
PBY-5 SHIPS 1 TO 27 NEXT ASSY.
1
1 3/4
2 1/4
1/32
MATERIAL
SYNTHETIC RUBBER, SPEC. 27-048,
TYPE II, GRADE "B."
PURCHASE TO DWG.
CONTR CHG "W" PBY-5
PBY-5A 28W2014 2
PBY-5 28W2014
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED DATE 9-10-41
CALC. WT. ACT. WT.
SCALE 12"=1'-0"
AC
NAVY NOTED
MATERIAL
O.H. MODEL NEXT ASSY. REQ. STD PARTS
REQUIREMENTS PER AIRPLANE
MAT. BMN
NOTED NONE NONE
SPEC. HEAT TREAT FINISH
LH RH REQ. PART NO. LH RH REQ.
PARTS LIST PER ASSY.
DRAFT CHECK EXAM ENGR
OPP. HAND
ENG. FILE
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME GASKET ~ PURGING SYSTEM ~ FUEL TANK ~ WING
A
28G5061

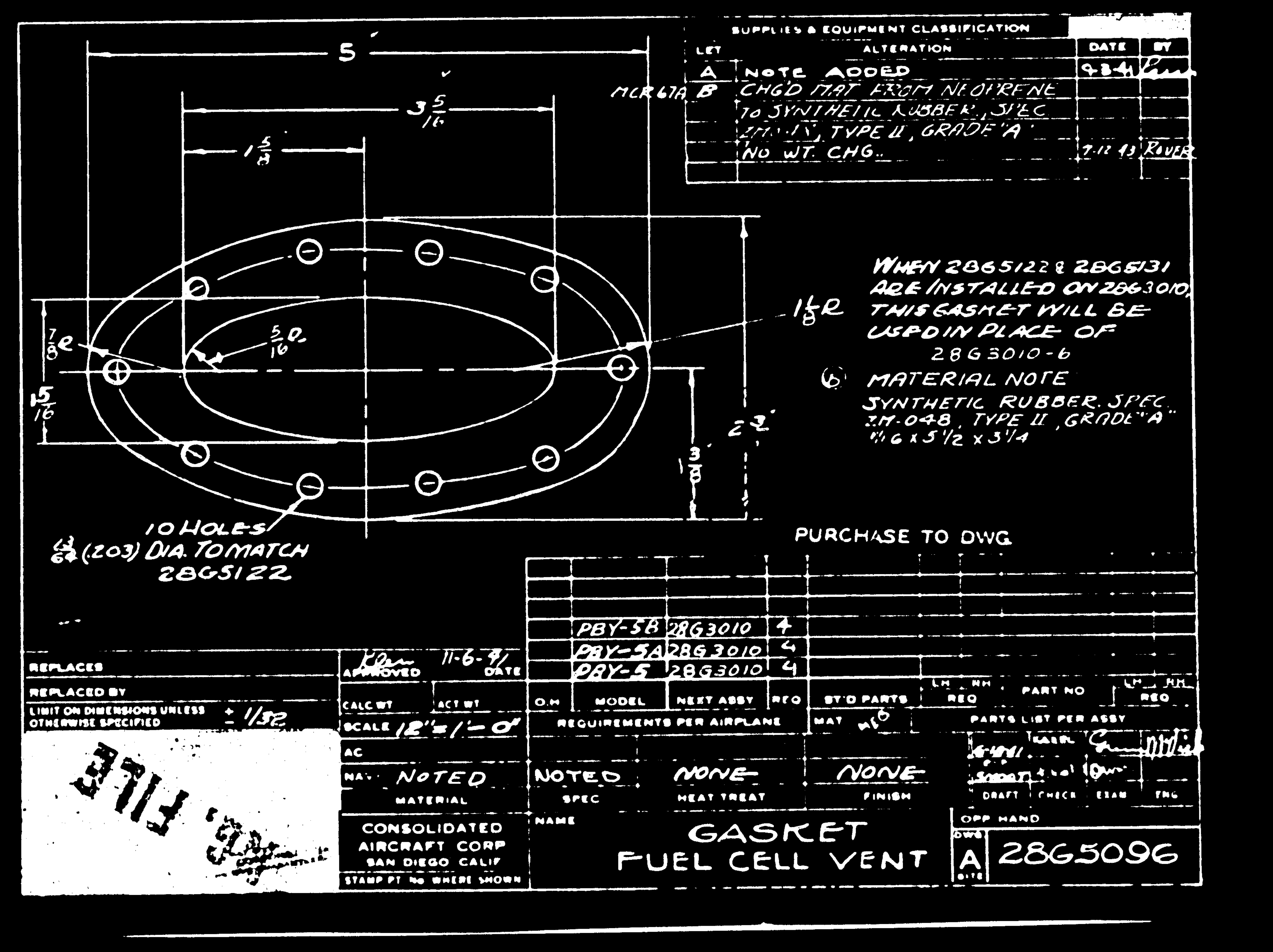


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ADDED LIMITATIONS TO PBY-5 L/R & PBY-5A L/R IN REQ. PER AIRPLANE BLOCK. NO WT. CHG.
5-15-43
2 9/16
1 1/4 (REF)
1 3/16
3/4 (REF)
2
GP-GREEN PRIME
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIME
C CADMIUM
(A) 70496-77713 ONLY
70496 #60 TO 167 ONLY
-R PBY-5A 28G5062 1
-L PBY-5A 28G5062 1
-R PBY-5 28G5062 1
-L PBY-5 28G5062 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
.025
CALC. WT.
ACT. WT.
SCALE 12" = 1'0"
AC
NAVY
MATERIAL
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
PARTS LIST PER ASSY.
REQUIREMENTS PER AIRPLANE
MAT.
NONE
SP. 2GP
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
CLIP
DUMP VALVE - FRONT PULLEY
A
SIZE
28G5063

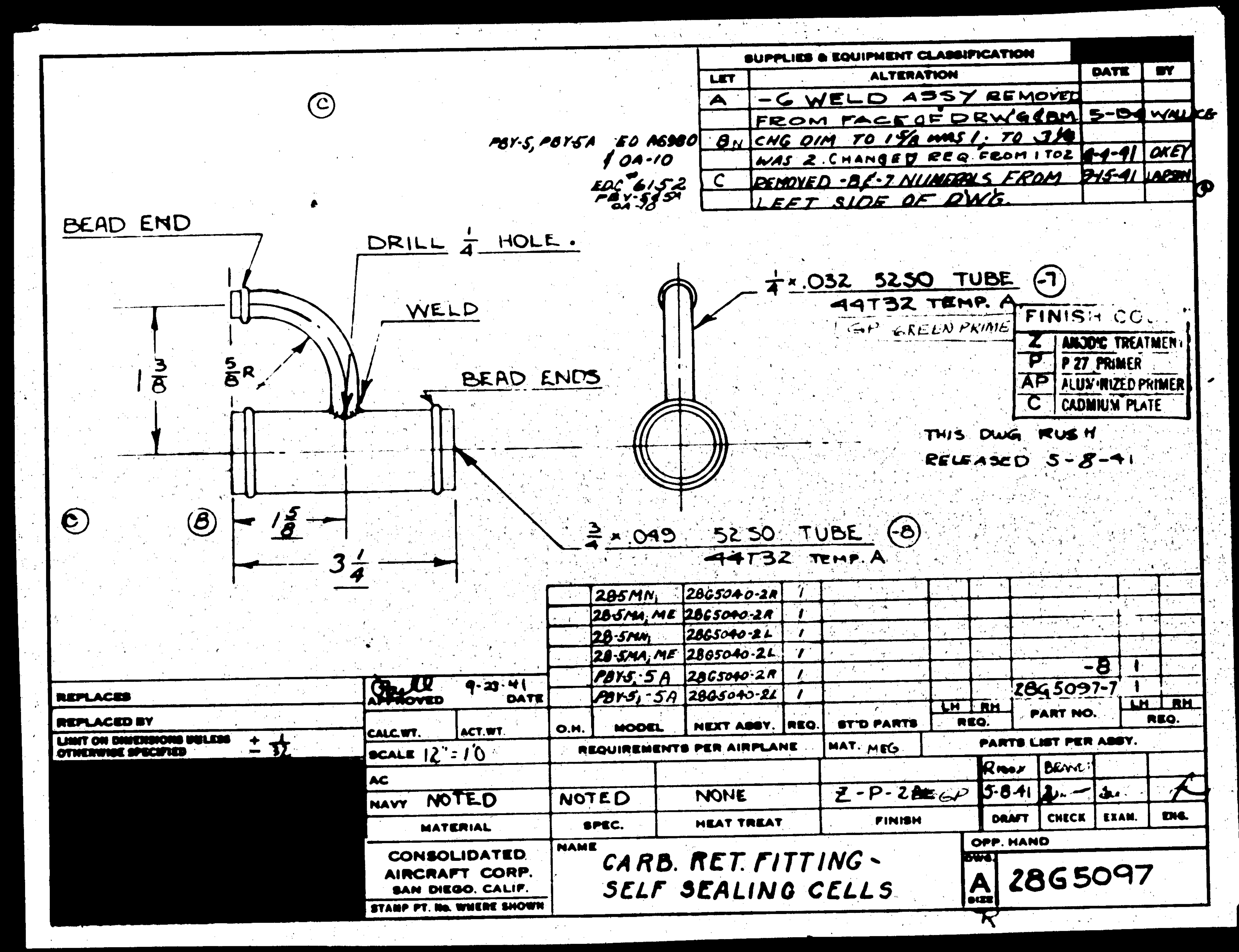


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
DRILL #41(.096), 5 HOLES
15/32 DIA. HOLE
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
ΔP ALUMINIZED PRIMER
CADMIUM PLATE
ALL BEND RADII 1/8
CONTR. CHG "W"
PBY5A 28G5054 1
PBY5 28G5054 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
APPROVED
DATE
CALC.WT.
ACT.WT
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY .064 ALC. 24ST
47AB "T"
NONE
Z-P-ZAP
7-24-41 KAREL
CHLEE 7-30-41
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BRACKET — MOUNTING PURGING SYSTEM
DWG SIZE A
28G5067
R

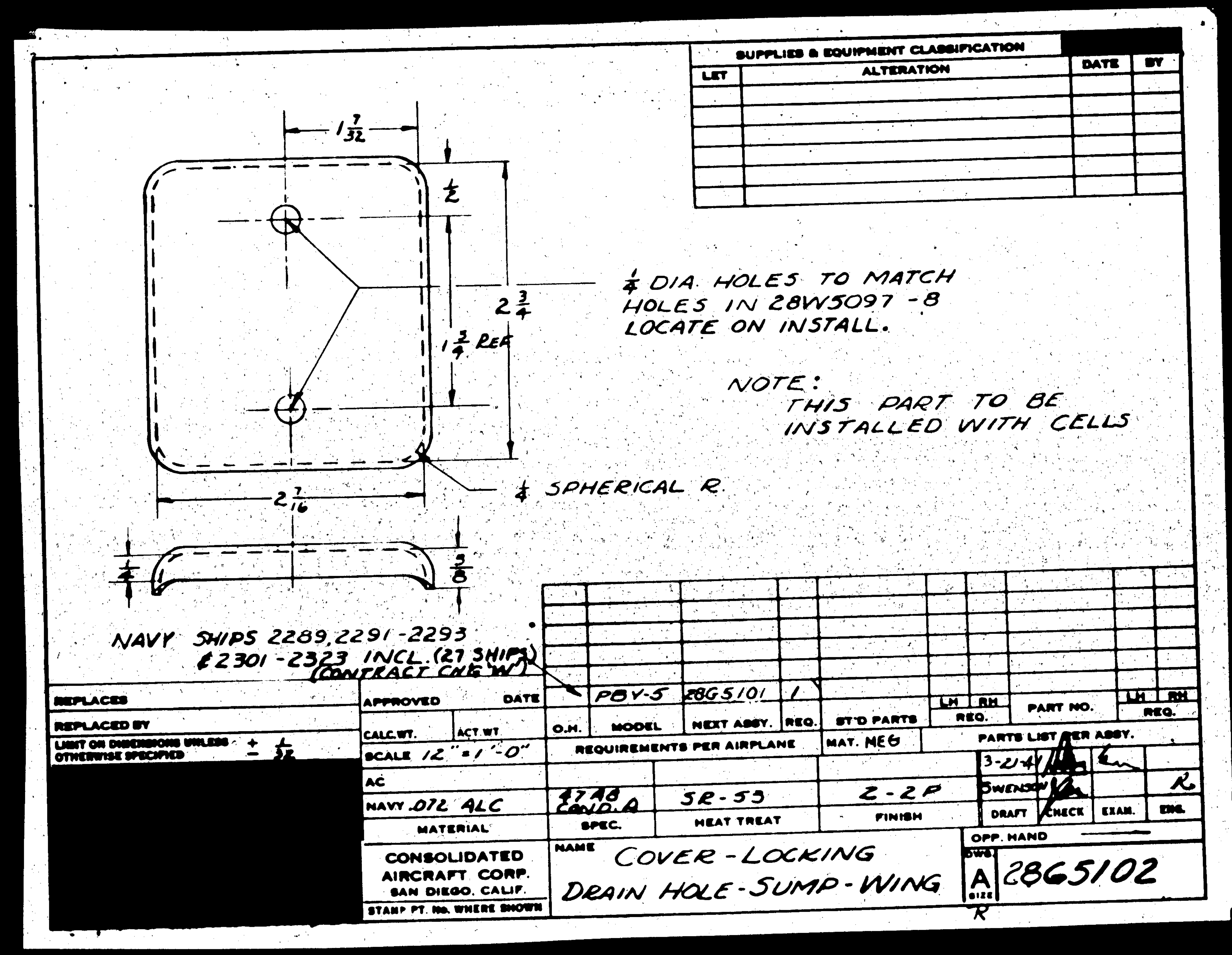

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]
LET | ALTERATION | DATE | BY
A | IN NEXT ASSY COLUMN 28G5068 WAS 28G5054 | 7/29/41
B | REMOVED "R.H." FROM NAME PLATE | 11-25-41
DRILL #41 - 4 HOLES
PURGING SYSTEM
WIN TANK
PULL
AFTER DUMPING
FUEL
5/32
3/32
1/8
2 3/4
5/8
5/8 HOLE
9/32 R.
5/32 R
1 1/4
2 1/2
BACKGROUND ETCHED
& PAINTED BLACK
LETTERS & BORDER
BUFFED. LETTERS 1/8
HIGH. MATERIAL .030
AL. SHT. SPEC 47A2
CONTR CHG "W" PBY5
PBY-5A | 28G5068 | 1
PBY-5 | 28G5068 | 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
APPROVED DATE
CALC. WT. ACT. WT.
SCALE 2" = 1'-0"
AC
NAVY NOTED
MATERIAL
O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT BMN
PARTS LIST PER ASSY.
NOTED NONE NOTED
SPEC. HEAT TREAT FINISH
12-26-40
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF
STAMP PT No. WHERE SHOWN
NAME PLATE ~ NAME ~ PURGING SYSTEM
OPP. HAND —
DWG. A SIZE 28G5069

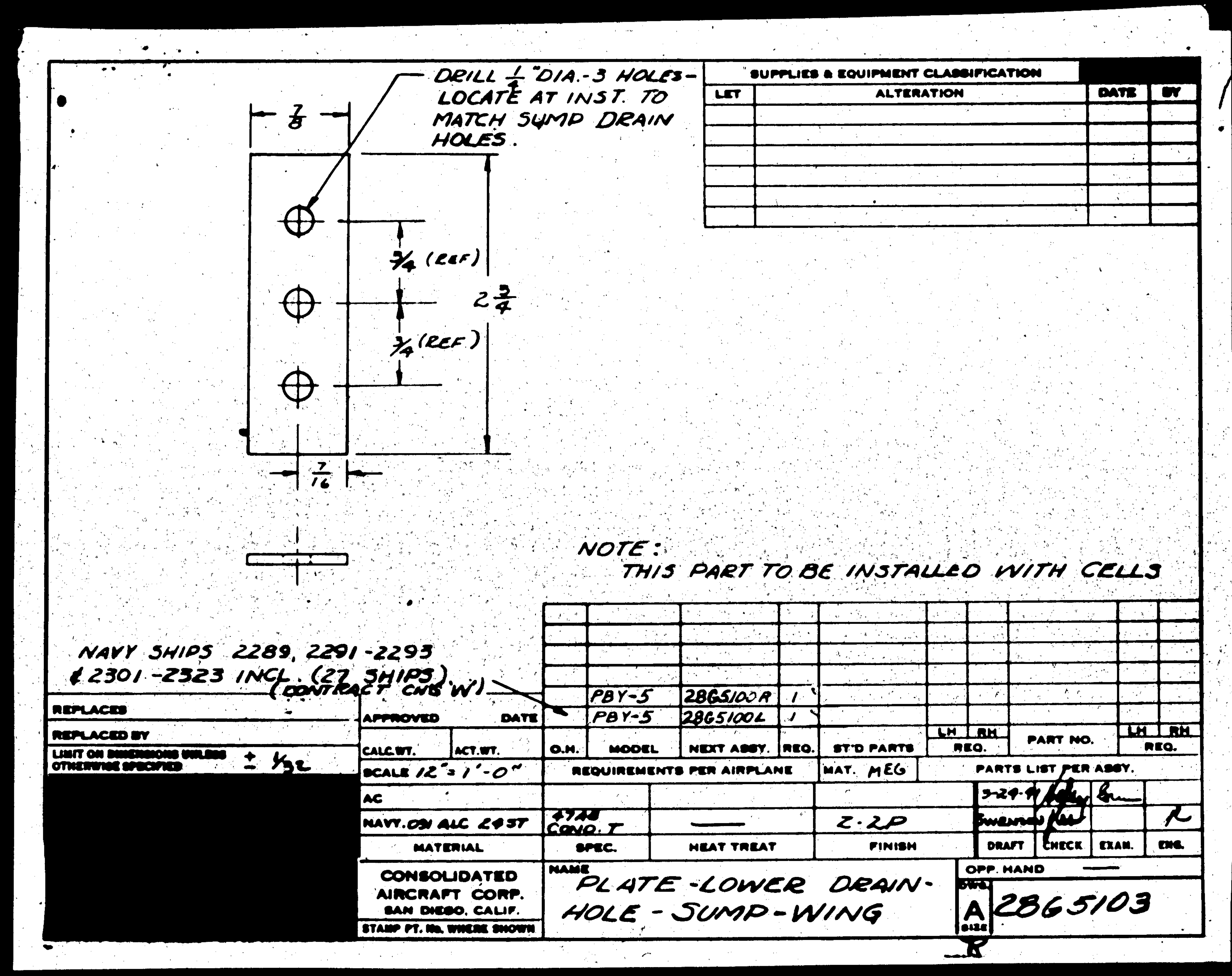


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A NOTE ADDED
MCR 67A B CHG'D MAT FROM NEOPRENE TO SYNTHETIC RUBBER, SPEC ZM-O48, TYPE II, GRADE "A" NO WT. CHG.
5
3 5/16
1 5/8
WHEN 28G5122 & 28G5131 ARE INSTALLED ON 28G3010, THIS GASKET WILL BE USED IN PLACE OF 28G3010-6
MATERIAL NOTE
SYNTHETIC RUBBER. SPEC. ZM-048, TYPE II, GRADE "A"
1/16 x 5 1/2 x 3 1/4
1 1/8 R
5/16 R
7/8 R
1 5/16
1 3/8
10 HOLES 13/64 (.203) DIA. TO MATCH 28G5122
PURCHASE TO DWG
PBY-5B 28G3010 4
PBY-5A 28G3010 4
PBY-5 28G3010 4
O.H MODEL NEXT ASSY REQ
REQUIREMENTS PER AIRPLANE
STD PARTS
PART NO
PARTS LIST PER ASSY
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED 11-6-41 DATE
CALC WT
ACT WT
SCALE 12" = 1'-0"
MAT
NOTED
MATERIAL
NOTED
SPEC
NONE
HEAT TREAT
NONE
FINISH
DRAFT CHECK EXAM ENG
'B' FILE
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF
STAMP PT No WHERE SHOWN
NAME
GASKET FUEL CELL VENT
OPP HAND
DWG
A 28G5096

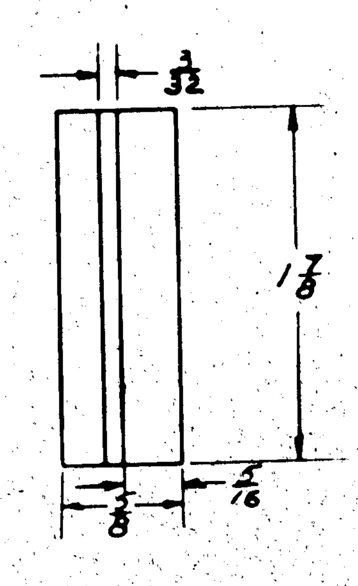


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | -6 WELD ASSY REMOVED FROM FACE OF DRWG | 5-13 | WALLACE
B | CNG DIM TO 1 5/8 WAS 1, TO 3 1/4 WAS 2. CHANGED REQ FROM 1 TO 2 | 8-4-41 | OKEY
C | REMOVED -8 & -7 NUMERALS FROM LEFT SIDE OF DWG. | 9-15-41 | LARSEN
PBY-5, PBY-5A EO A6980 / OA-10
EOC 6152 PBY-5A OA-10
BEAD END
DRILL 1/4 HOLE.
WELD
1 3/8
5/8 R
BEAD ENDS
1 5/8
3 1/4
1/4 x .032 5250 TUBE (-7) 44T32 TEMP. A
GP GREEN PRIME
3/4 x .049 5250 TUBE (-8) 44T32 TEMP. A
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
THIS DWG RUSH RELEASED 5-8-41
28-5MN 28G5040-2R 1
28-5MA, ME 28G5040-2R 1
28-5MN 28G5040-2L 1
28-5MA, ME 28G5040-2L 1
PBY5, 5A 28G5040-2R 1
PBY5, 5A 28G5040-2L 1
-8 1
28G5097-7 1
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED 9-23-41 DATE
CALC. WT. ACT. WT.
SCALE 12" = 1'0
MAT. MEG
AC
NAVY NOTED
MATERIAL NOTED SPEC. NONE HEAT TREAT Z-P-2 GP FINISH
5-8-41 DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME CARB. RET. FITTING - SELF SEALING CELLS
OPP. HAND
DWG. A SIZE 28G5097


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1 7/32
1/2
2 3/4
1 3/4 REF
2 7/16
1/4
3/8
1/4 DIA. HOLES TO MATCH HOLES IN 28W5097 -8 LOCATE ON INSTALL.
NOTE: THIS PART TO BE INSTALLED WITH CELLS
1/4 SPHERICAL R.
NAVY SHIPS 2289, 2291-2293 & 2301-2323 INCL. (27 SHIPS) (CONTRACT CHG W)
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY .072 ALC
MATERIAL
PBY-5
28G5101
1
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT. NEG
PARTS LIST PER ASSY.
3-21-41
SWENSON
24ST ANOD. A
SPEC.
SR-53
HEAT TREAT
Z-2P
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME COVER-LOCKING DRAIN HOLE-SUMP-WING
DWG. SIZE A
28G5102


DRILL 1/4" DIA.-3 HOLES-
LOCATE AT INST. TO
MATCH SUMP DRAIN
HOLES.
7/8
3/4 (REF)
3/4 (REF)
2 3/4
7/16
NOTE:
THIS PART TO BE INSTALLED WITH CELLS
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
NAVY SHIPS 2289, 2291-2293
& 2301-2323 INCL. (27 SHIPS)
(CONTRACT CNS W)
PBY-5
28G5100R
1
PBY-5
28G5100L
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT. MEG
PARTS LIST PER ASSY.
AC
NAVY.051 ALC 24ST
CONDITION T
Z-2P
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
PLATE-LOWER DRAIN-
HOLE-SUMP-WING
OPP. HAND
DWG.
A
SIZE
28G5103

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



1/8
1/32

NOTE:
THIS PART TO BE INSTALLED WITH CELLS

NAVY SHIPS - 2289, 2291 - 2293
(CONTRACT CHG 'W') & 2301 - 2323 INCL.
(27 SHIPS)

	PBY-5	28G5100R	1						
	PBY-5	28G5100L	1						
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT. MEG	PARTS LIST PER ASSY.				

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	±

[redacted]

APPROVED	DATE			
CALC. WT.	ACT. WT.			
SCALE 12" = 1'-0"				
AC				
NAVY .091 ALC 24ST	47A8 COND. T	—	Z-2P	
MATERIAL	SPEC.	HEAT TREAT	FINISH	

DRAFT	CHECK	EXAM.	ENG.
2-24-4 Swanson			

OPP. HAND ——

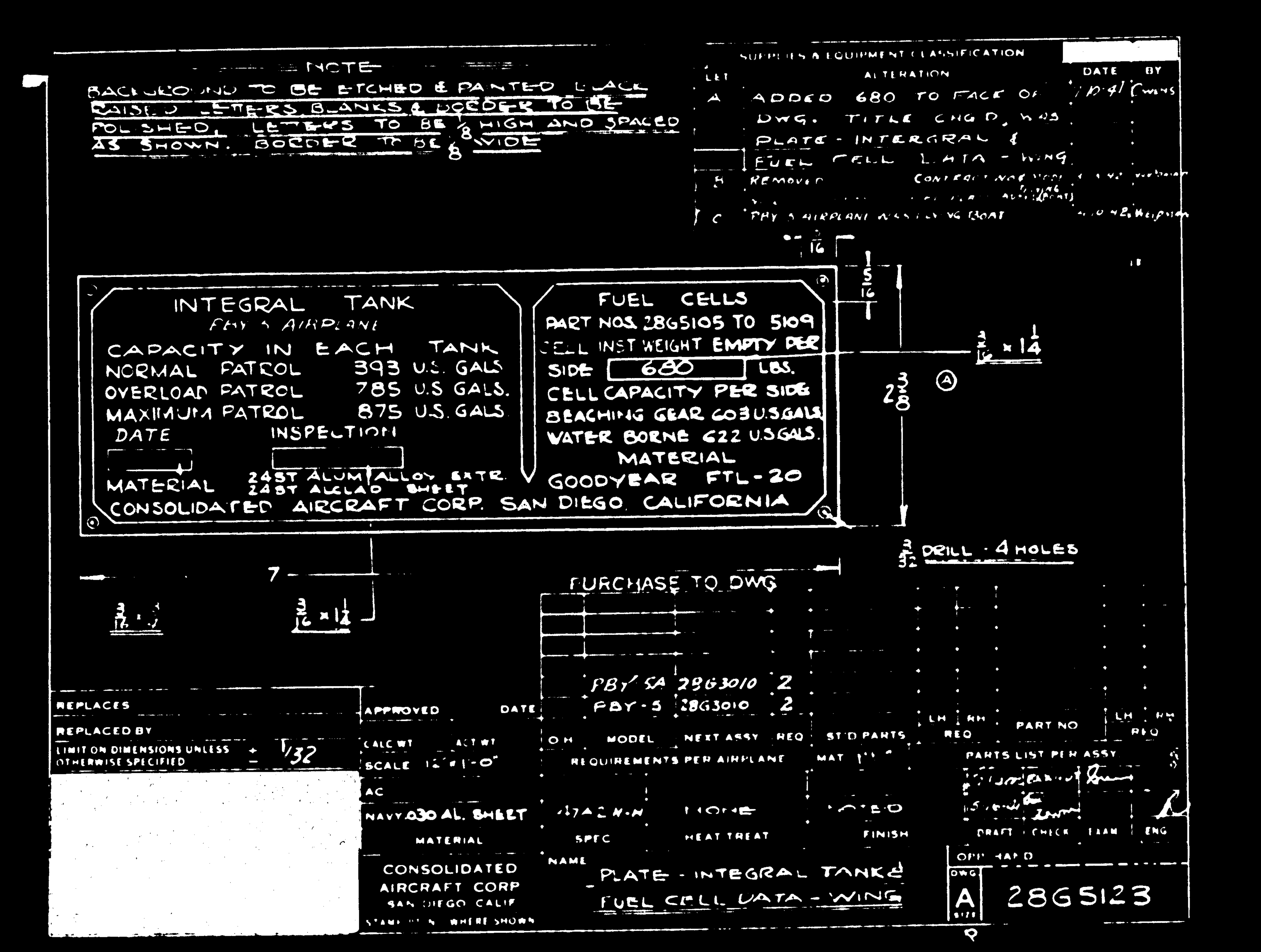
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO CALIF.
STAMP PT No WHERE SHOWN

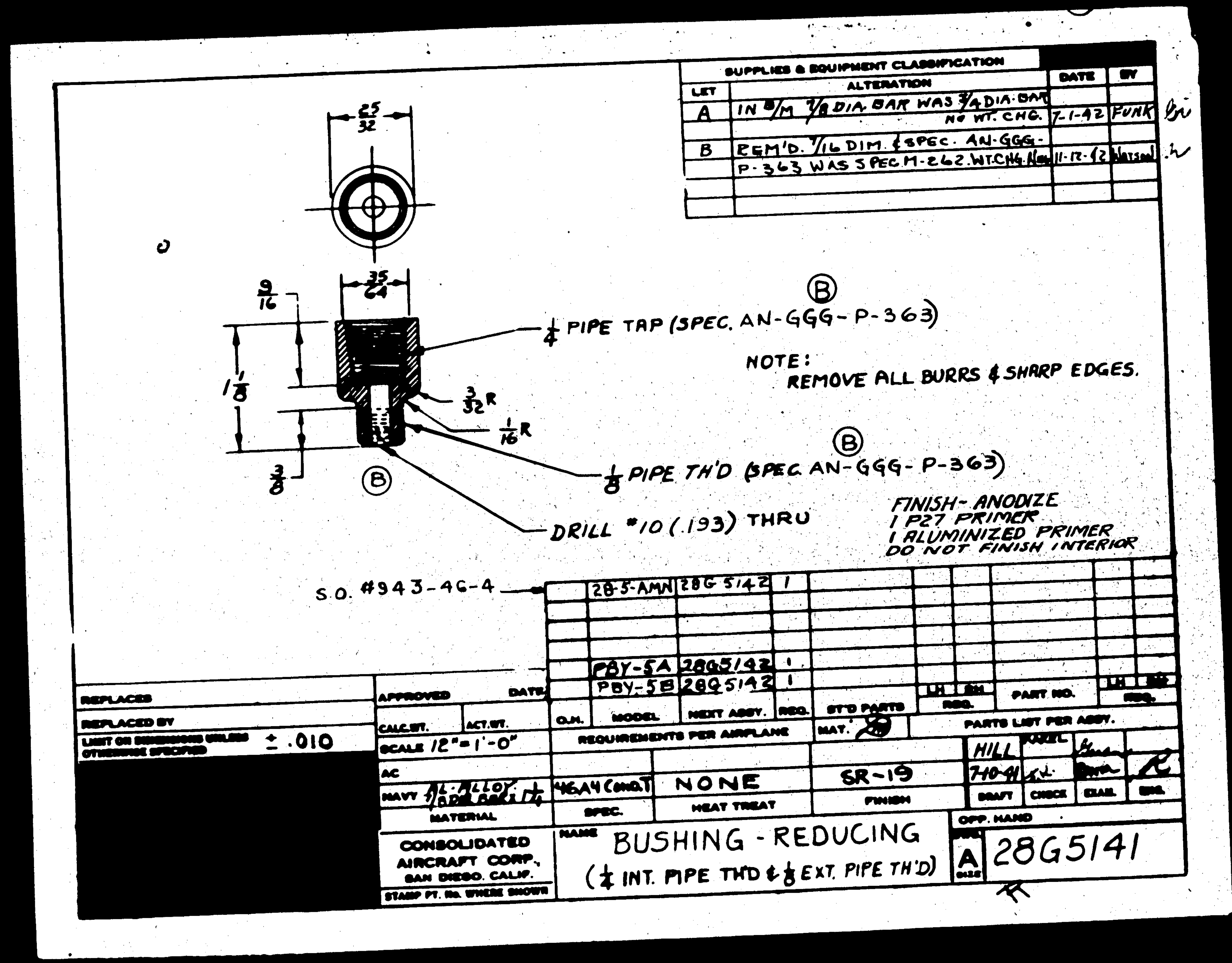
NAME PLATE - LOWER DRAIN - HOLE - SUMP - WING

DWG. SIZE A

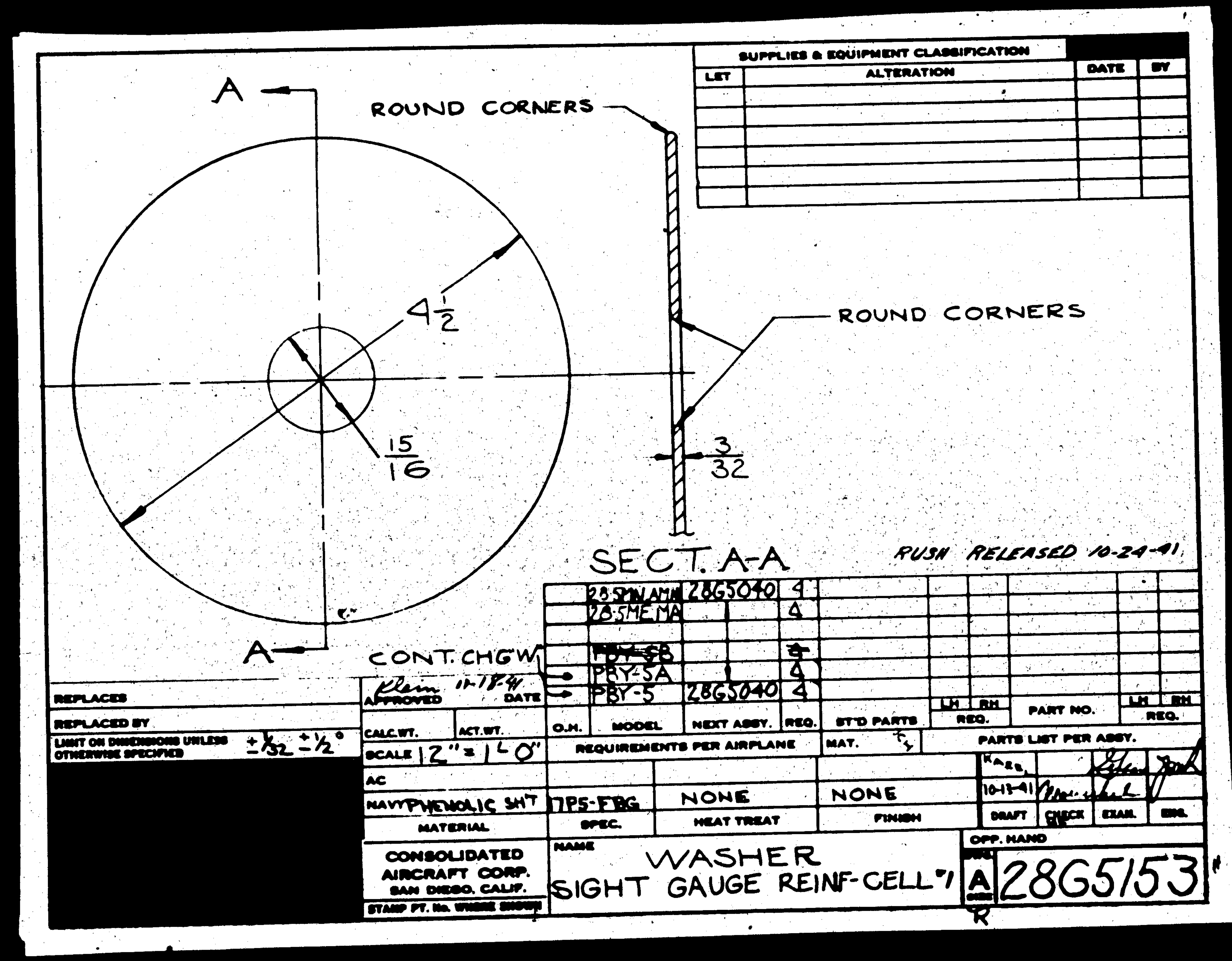
28G5104

R

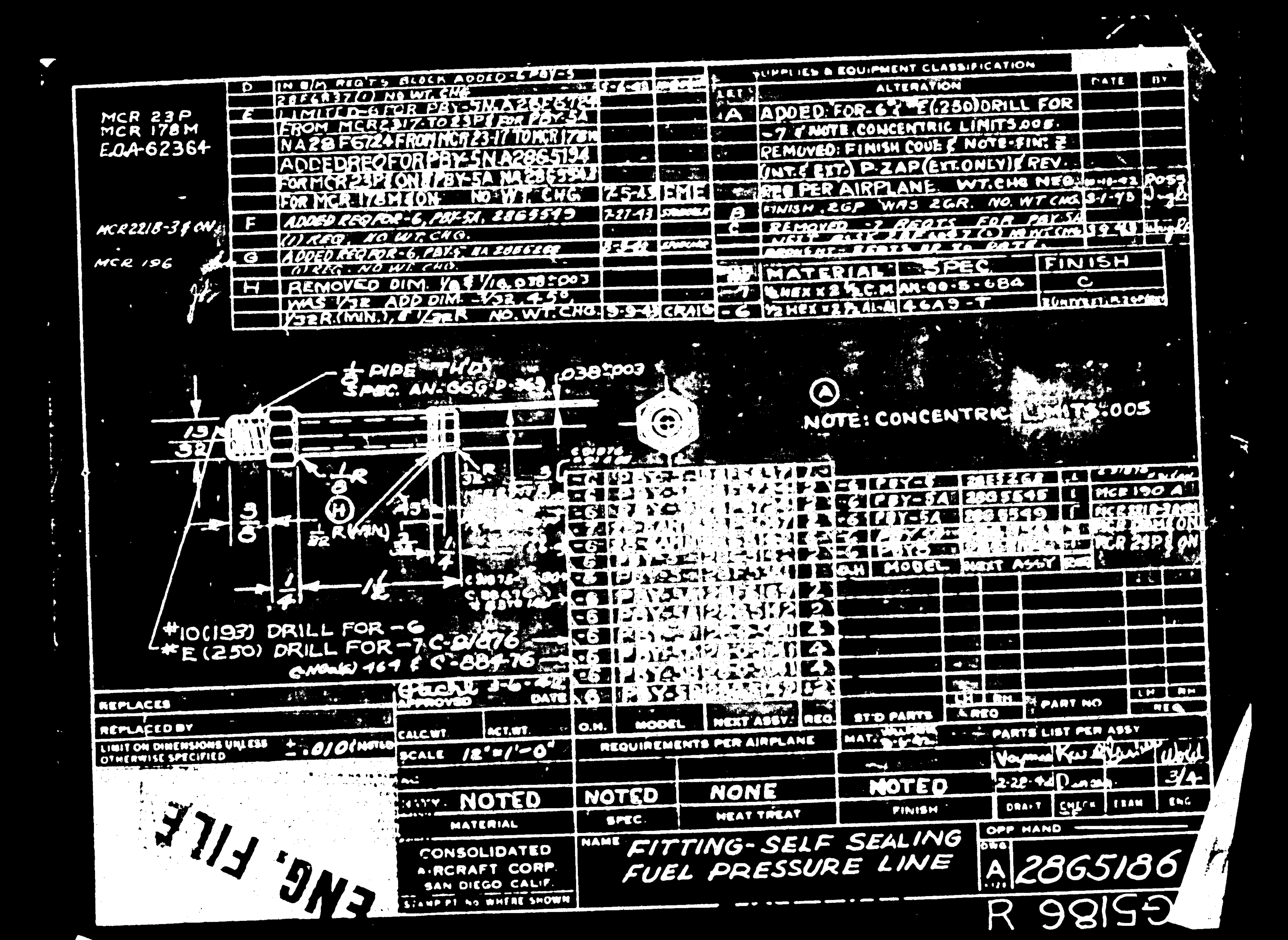

NOTE
BACKGROUND TO BE ETCHED & PAINTED BLACK. RAISED LETTERS BLANKS & BORDER TO BE POLISHED. LETTERS TO BE 1/8 HIGH AND SPACED AS SHOWN. BORDER TO BE 1/8 WIDE
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | ADDED 680 TO FACE OF DWG. TITLE CHGD, WAS PLATE - INTERGRAL & FUEL CELL DATA - WING
B | REMOVED
C | PBY-5 AIRPLANE WAS FLYING BOAT
INTEGRAL TANK
PBY-5 AIRPLANE
CAPACITY IN EACH TANK
NORMAL PATROL 393 U.S. GALS
OVERLOAD PATROL 785 U.S GALS.
MAXIMUM PATROL 875 U.S. GALS
DATE
INSPECTION
MATERIAL 24ST ALUM ALLOY EXTR. 24ST ALCLAD SHEET
FUEL CELLS
PART NOS. 28G5105 TO 5109
CELL INST WEIGHT EMPTY PER SIDE 680 LBS.
CELL CAPACITY PER SIDE
BEACHING GEAR 603 U.S.GALS.
WATER BORNE 622 U.S.GALS.
MATERIAL
GOODYEAR FTL-20
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIFORNIA
3/16
5/16
3/16 x 1 1/4
2 3/8
A
3/32 DRILL - 4 HOLES
7
3/16 x 1 1/4
PURCHASE TO DWG
PBY-5A 28G3010 2
PBY-5 28G3010 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC WT
ACT WT
SCALE 12" = 1'-0"
NAVY .030 AL. SHEET
MATERIAL
O H
MODEL
NEXT ASSY
REQ
STD PARTS
REQUIREMENTS PER AIRPLANE
LH
RH
REQ
PART NO
PARTS LIST PER ASSY
SPEC
NONE
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF
NAME
PLATE - INTEGRAL TANK & FUEL CELL DATA - WING
DWG SIZE A
28G5123



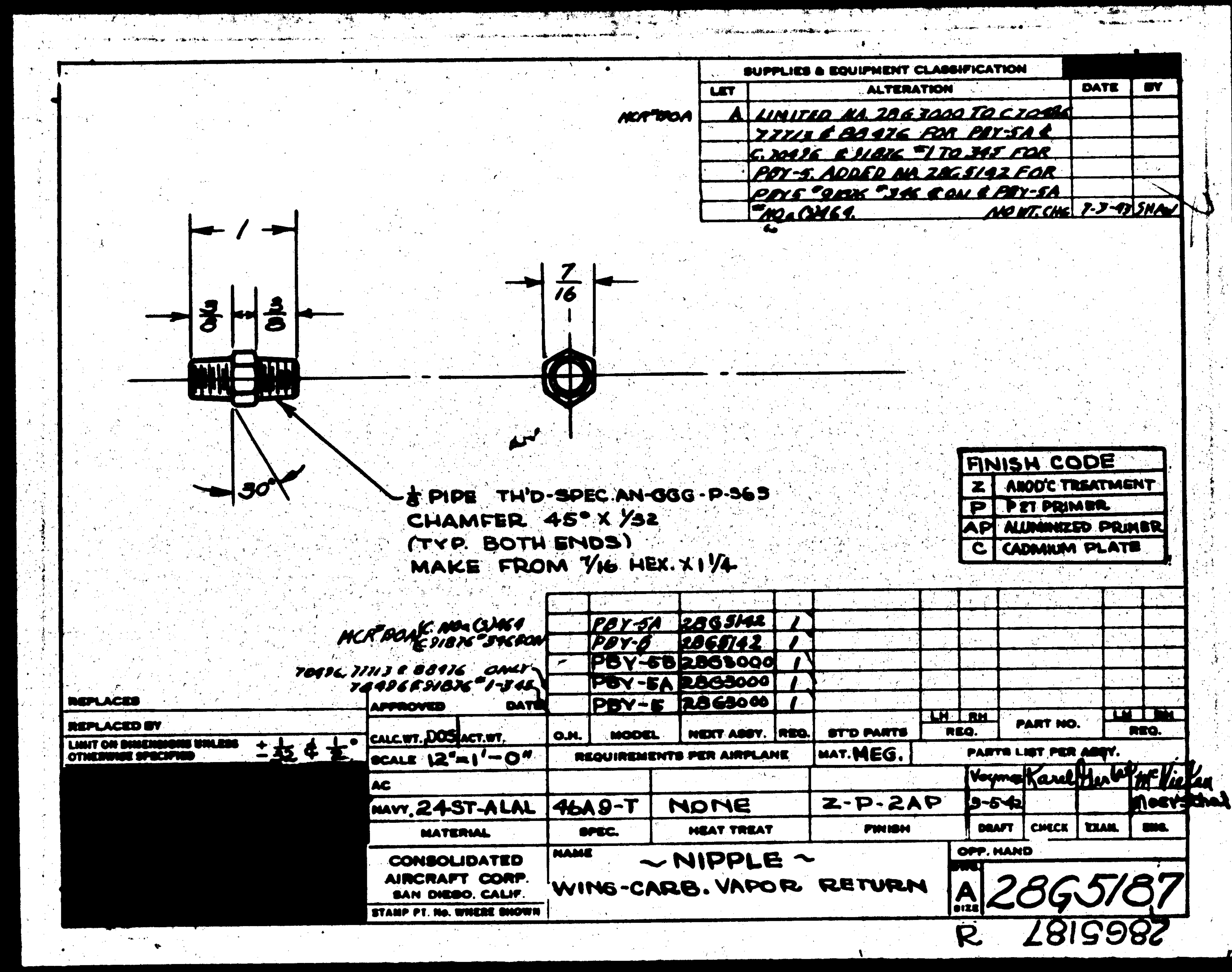
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
IN B/M 7/8 DIA. BAR WAS 3/4 DIA. BAR
NO WT. CHG.
7-1-42
FUNK
B
REM'D. 7/16 DIM. & SPEC. AN-GGG-
P-363 WAS SPEC M-262. WT. CHG.
25/32
35/64
9/16
1 1/8
3/8
3/32 R
1/16 R
1/4 PIPE TAP (SPEC. AN-GGG-P-363)
NOTE:
REMOVE ALL BURRS & SHARP EDGES.
1/8 PIPE TH'D (SPEC. AN-GGG-P-363)
DRILL #10 (.193) THRU
FINISH - ANODIZE
1 P27 PRIMER
1 ALUMINIZED PRIMER
DO NOT FINISH INTERIOR
S.O. #943-46-4
28-5-AMN
28G5142
1
PBY-5A
28G5142
1
PBY-5B
28G5142
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY
AL. ALLOY
MATERIAL
46A4 (COND.T)
SPEC.
NONE
HEAT TREAT
SR-19
FINISH
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
MAT.
LH
RH
REQ.
PART NO.
PARTS LIST PER ASSY.
REQUIREMENTS PER AIRPLANE
HILL
7-10-41
DRAFT
CHECK
ENGR.
OPP. HAND
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BUSHING - REDUCING
(1/4 INT. PIPE TH'D & 1/8 EXT. PIPE TH'D)
A
SIZE
28G5141



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
A
ROUND CORNERS
ROUND CORNERS
4 1/2
15/16
3/32
SECT. A-A
RUSH RELEASED 10-24-41
CONT. CHG'W
28-5MN AMN
28G5040
4
28-5ME MA
4
PBY-6B
PBY-5A
4
PBY-5
28G5040
4
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
±1/32 ±1/2°
APPROVED
DATE
Klein 11-18-41
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY PHENOLIC SH'T
MATERIAL
17PS-F8G
SPEC.
NONE
HEAT TREAT
NONE
FINISH
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS
LH
RH
REQ.
PART NO.
MAT.
PARTS LIST PER ASSY.
10-13-41
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
WASHER
SIGHT GAUGE REINF-CELL #1
A
28G5153
R



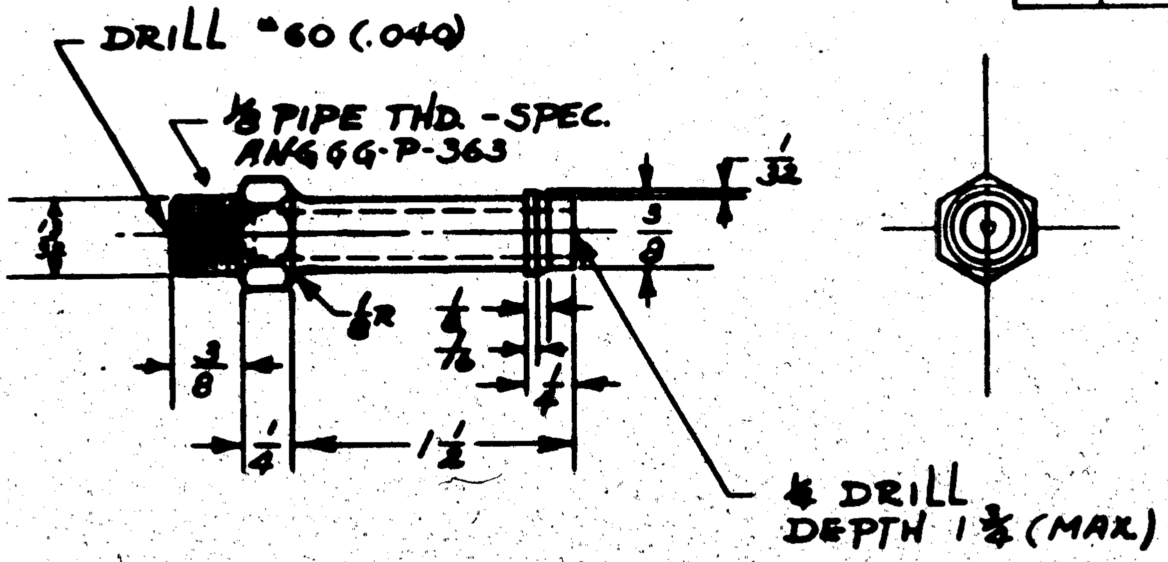
MCR 23P
MCR 178M
EOA-62364
MCR 2218-3 & ON
MCR 196
SUPPLIES & EQUIPMENT CLASSIFICATION
ALTERATION
DATE
BY
A
ADDED: FOR-6 & E(.250) DRILL FOR
-7 & NOTE CONCENTRIC LIMITS .005.
REMOVED: FINISH CODE & NOTE-FIN. Z
(INT. & EXT.) P-ZAP (EXT. ONLY) & REV.
PER AIRPLANE WT. CHG NEG.
B
FINISH 2GP WAS 2GR. NO. WT CHG
C
REMOVED -7 REQTS FOR PBY-5A
D
IN B/M REQTS BLOCK ADDED -6 PBY-5
E
LIMITED -6 FOR PBY-5 NA 28F6724
FROM MCR 23-17 TO 23P & FOR PBY-5A
NA 28F6724 FROM MCR 23-17 TO MCR 178M
ADDED REQ FOR PBY-5 NA 2865194
FOR MCR 23P ON PBY-5A NA 2865594
FOR MCR 178M & ON NO WT. CHG.
7-5-43
F
ADDED REQ FOR -6, PBY-5A, 2865549
(1) REQ. NO WT. CHG.
7-27-43
G
ADDED REQ FOR -6, PBY-5
(1) REQ. NO WT. CHG.
H
REMOVED DIM. 1/8 & 1/16, .038 ±.003
WAS 1/32 ADD DIM. 1/32, 45°
1/32 R. (MIN.), & 1/32 R NO. WT. CHG.
5-9-44
CRAIG
MATERIAL
SPEC
FINISH
-7
HEX x 2 C.M.
AN-QQ-S-684
C
-6
1/2 HEX x 2 AL-AL
46A9-T
1/8 PIPE THD
SPEC. AN-GGG-P-363
.038 ±.003
A
NOTE: CONCENTRIC LIMITS .005
19/32
1/8 R
3/8
H
1/32 R (MIN.)
45°
1/4
1/4
1 1/2
#10 (.193) DRILL FOR -6
*E (.250) DRILL FOR -7
-6
PBY-6
2865268
1
MCR 190 A
-6
PBY-5A
2865545
1
-6
PBY-5A
2865549
1
MCR 23P & ON
O.H.
MODEL
NEXT ASSY
REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010 (NOTED)
APPROVED
DATE
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS
LH
RH
REQ
PART NO
PARTS LIST PER ASSY
MAT.
2-22-42
3/4
NOTED
NOTED
NONE
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
ENG
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO CALIF.
STAMP PT No WHERE SHOWN
NAME
FITTING - SELF SEALING FUEL PRESSURE LINE
OPP HAND
DWG
A
2865186
ENG. FILE
R 2865186



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
MCR 100A
A LIMITED NA 28G3000 TO C70496 77113 & 88476 FOR PBY-5A & C70496 & 91876 #1 TO 345 FOR PBY-5. ADDED NA 28G5142 FOR PBY5 #91876 #346 & ON & PBY-5A #NOs (3)464. NO WT. CHG 7-3-43 SHAW
1
3/8
3/8
7/16
30°
1/8 PIPE TH'D-SPEC AN-GGG-P-363
CHAMFER 45° X 1/32
(TYP. BOTH ENDS)
MAKE FROM 7/16 HEX. X 1 1/4
FINISH CODE
Z ANODIC TREATMENT
P P27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5A 28G5142 1
PBY-6 28G5142 1
PBY-5B 28G3000 1
PBY-5A 28G3000 1
PBY-5 28G3000 1
O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT. MFG.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 & 1/2°
APPROVED DATE
CALC. WT. .005 ACT. WT.
SCALE 12"=1'-0"
AC
NAVY 24ST-ALAL
46A9-T
NONE
Z-P-2AP
3-5-42
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME ~NIPPLE~
WING-CARB. VAPOR RETURN
OPP. HAND
A SIZE 28G5187
R 28G5187

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY



FINISH: Z (INT. & EXT.)
P-26P (EXT. ONLY)

C-70496 & C-77113
ARMSTRONG 8/17
APPROVED DATE

PBY-5A	28G5142	2
PBY-5	28G5142	2

O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH REQ. RH | PART NO. | LH REQ. RH

REQUIREMENTS PER AIRPLANE | MAT. (CUSTER) | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

CALC. WT. | ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY 1/2 HEX. × 2 1/2 CL. CL. 1737

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY 1/2 HEX. × 2 1/2 CL. CL. 1737	A-6A4-T	NONE	NOTED

DRAFT	CHECK	EXAM.	ENG.
Vernon	JE	Gerber	ZUCK
8-15-42			

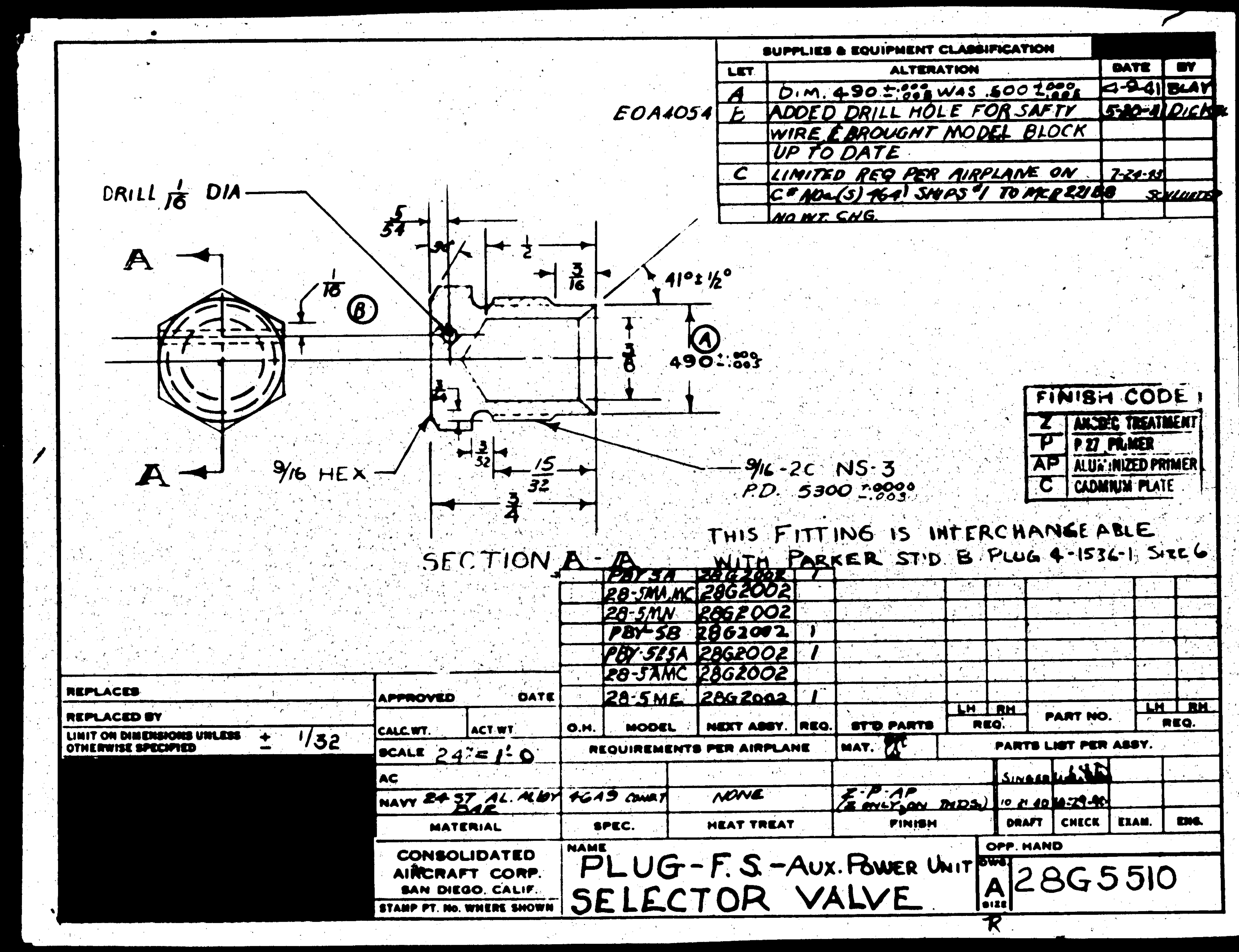
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

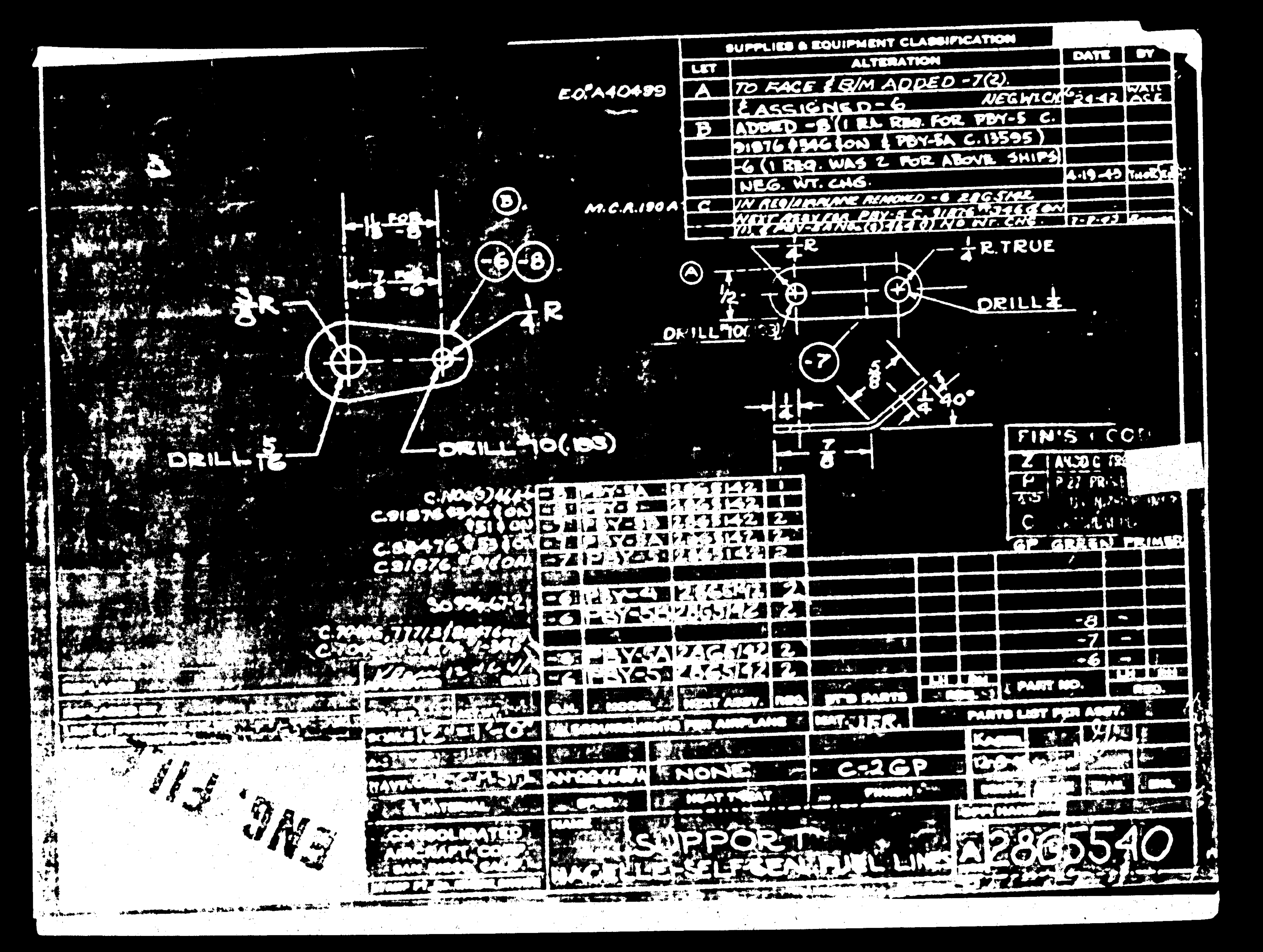
NAME FITTING - RESTRICTED S.S. FUEL PRESS. LINE

OPP. HAND ———

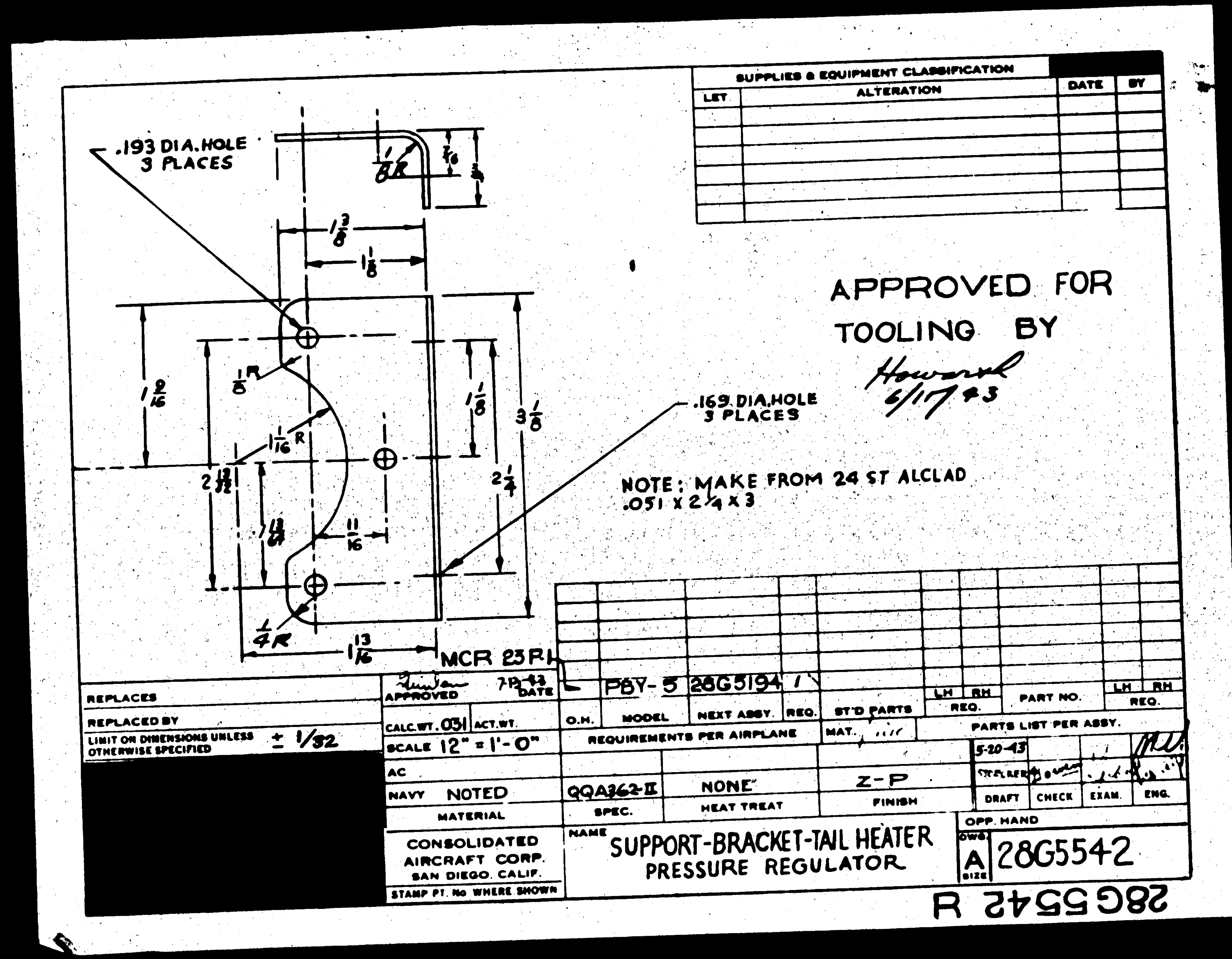
SIZE A 28G5189

R 8-20-42

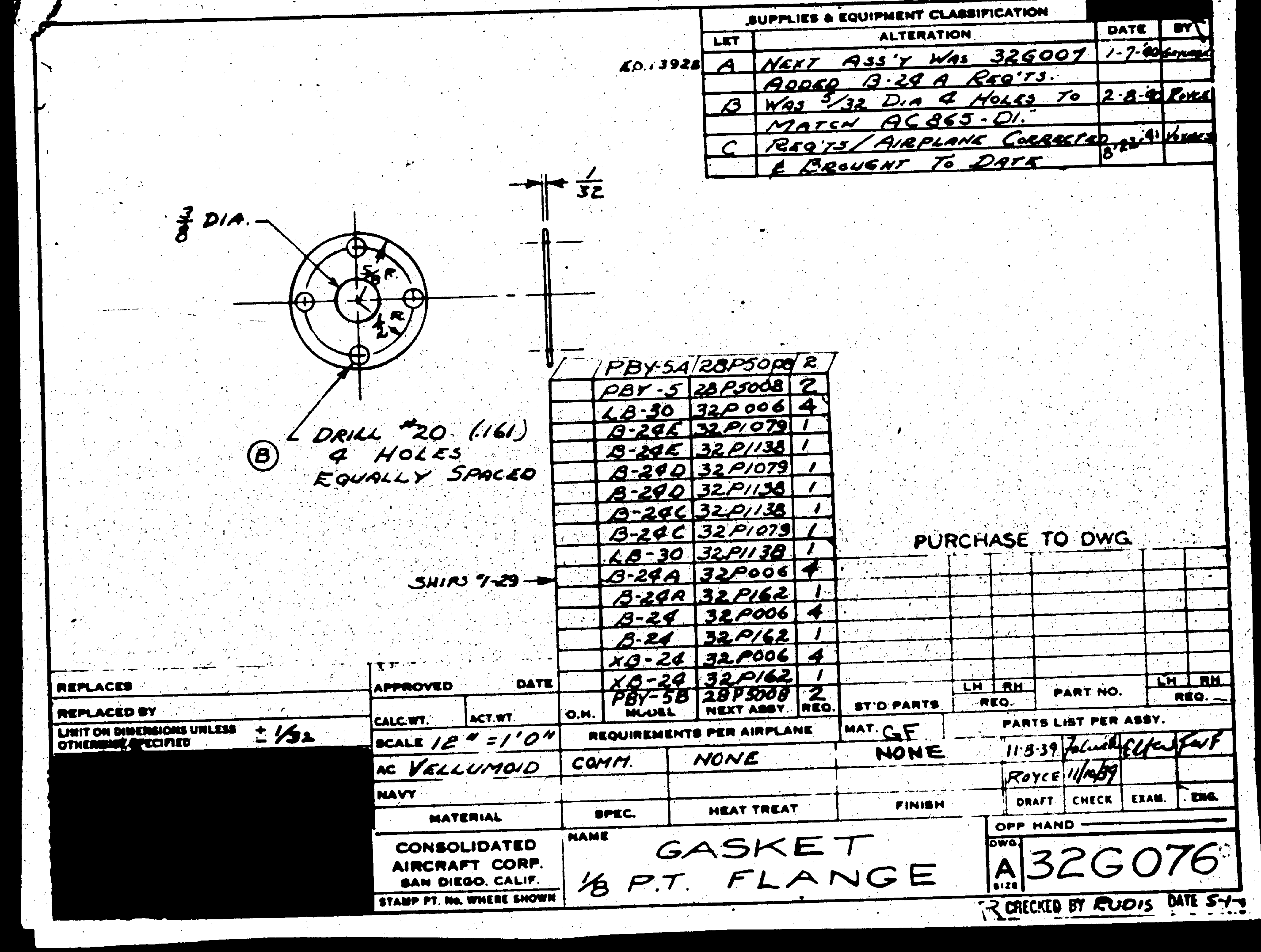

SUPPLIES & EQUIPMENT CLASSIFICATION
LET. | ALTERATION | DATE | BY
A DIM. 490 +.000 -.003 WAS .500 +.000 -.003
E0A4054 B ADDED DRILL HOLE FOR SAFTY WIRE & BROUGHT MODEL BLOCK UP TO DATE
C LIMITED REQ PER AIRPLANE ON C# NOS.(S) 164 SHIPS #1 TO MCR 22188
NO WT. CHG.
DRILL 1/16 DIA
A
A
1/16
B
5/64
1/2
3/16
41° ± 1/2°
A
490 +.000 -.003
3/8
9/16 HEX
3/32
15/32
3/4
9/16-20 NS-3
P.D. 5300 +.0000 -.003
SECTION A-A
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
THIS FITTING IS INTERCHANGEABLE WITH PARKER STD B PLUG 4-1536-1 SIZE 6
PBY 5A 28G2002 1
28-5MA,MC 28G2002
28-5MN 28G2002
PBY-5B 28G2002 1
PBY-5E5A 28G2002 1
28-5AMC 28G2002
28-5ME 28G2002 1
O.H. MODEL NEXT ASSY. REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED DATE
CALC. WT.
ACT. WT.
SCALE 24" = 1'-0
AC
NAVY 24 ST AL. ALLOY BAR
4619 COMM'L
NONE
Z-P-AP (Z ONLY ON THDS.)
DRAFT CHECK EXAM. ENG.
MATERIAL SPEC. HEAT TREAT FINISH
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
PLUG-F.S.-AUX. POWER UNIT SELECTOR VALVE
OPP. HAND
DWG. SIZE A
28G5510

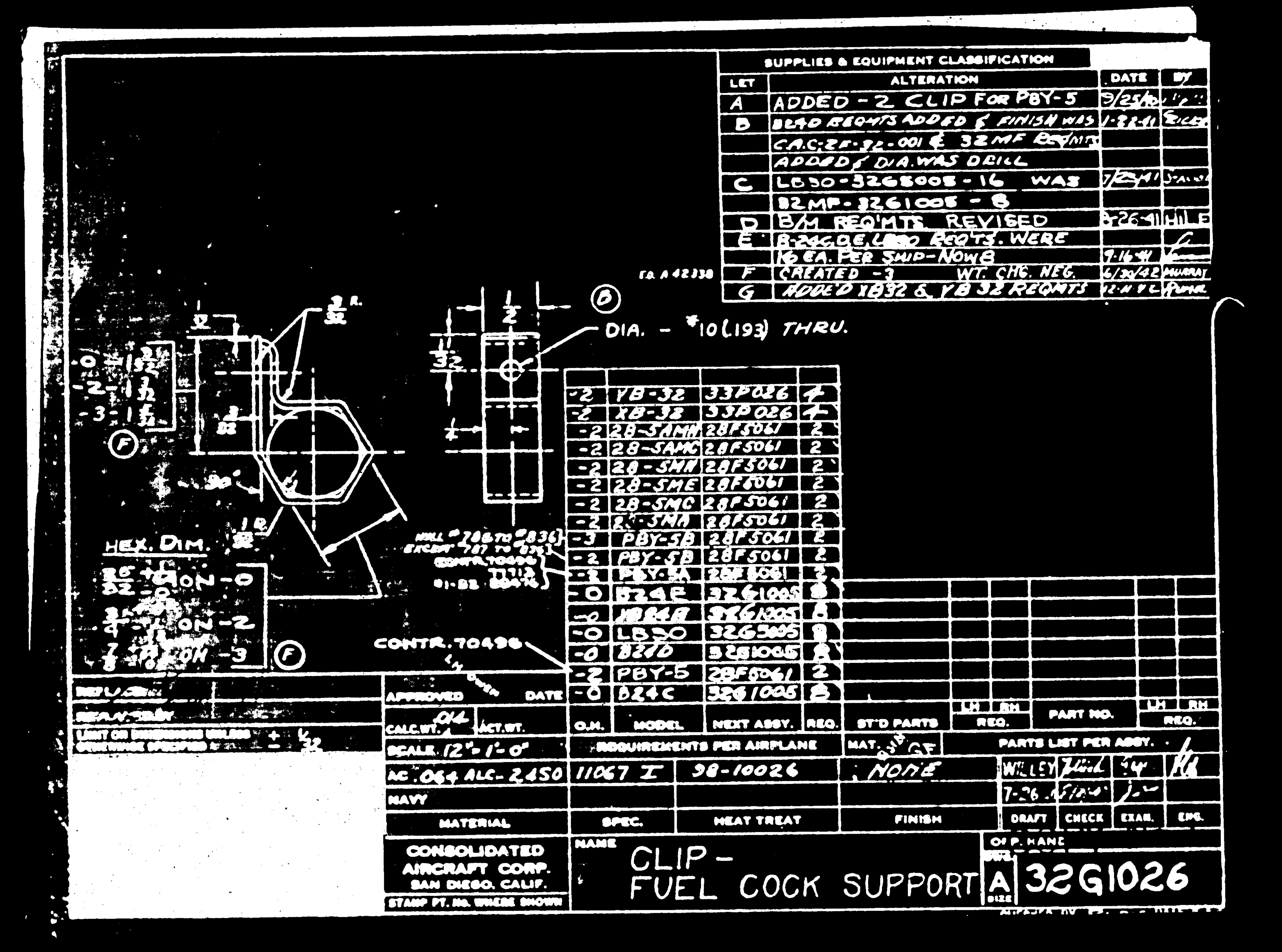


SUPPLIES & EQUIPMENT CLASSIFICATION
ALTERATION
DATE
BY
LET
E.O. A40489
A
TO FACE & B/M ADDED -7(2).
& ASSIGNED -6 NEG WT CHG
B
ADDED -8 (1 RL REQ. FOR PBY-5 C. 91876 #546 ON & PBY-5A C.13595)
-6 (1 REQ. WAS 2 FOR ABOVE SHIPS)
NEG. WT. CHG.
4-19-43
M.C.R. 190A
C
B
-6
-8
3/8 R
1/4 R
DRILL 5/16
DRILL 70(.103)
A
1/4 R. TRUE
1/2
DRILL 1/4
DRILL 70(.103)
-7
40°
7/8
FIN'S CODE
GP GREEN PRIMER
SUPPORT
NACELLE-LE-SELF-SEAL FUEL LINES
A 2865540
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO CALIF.
NONE
C-2GP
PARTS LIST PER ASSY.
PART NO.
REQ.
NEXT ASSY.
MODEL
MAT.
FINISH
HEAT TREAT
ENG. 113

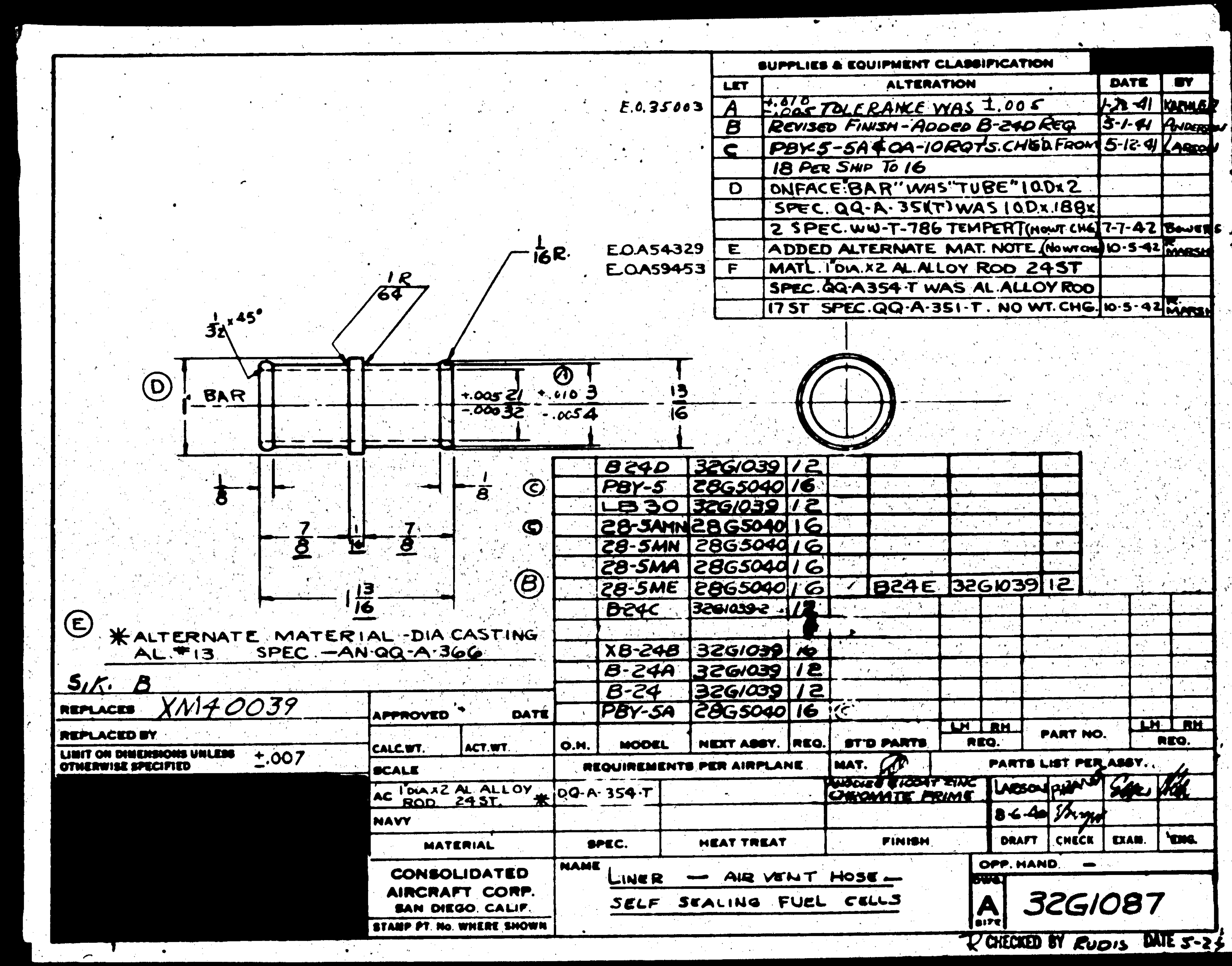


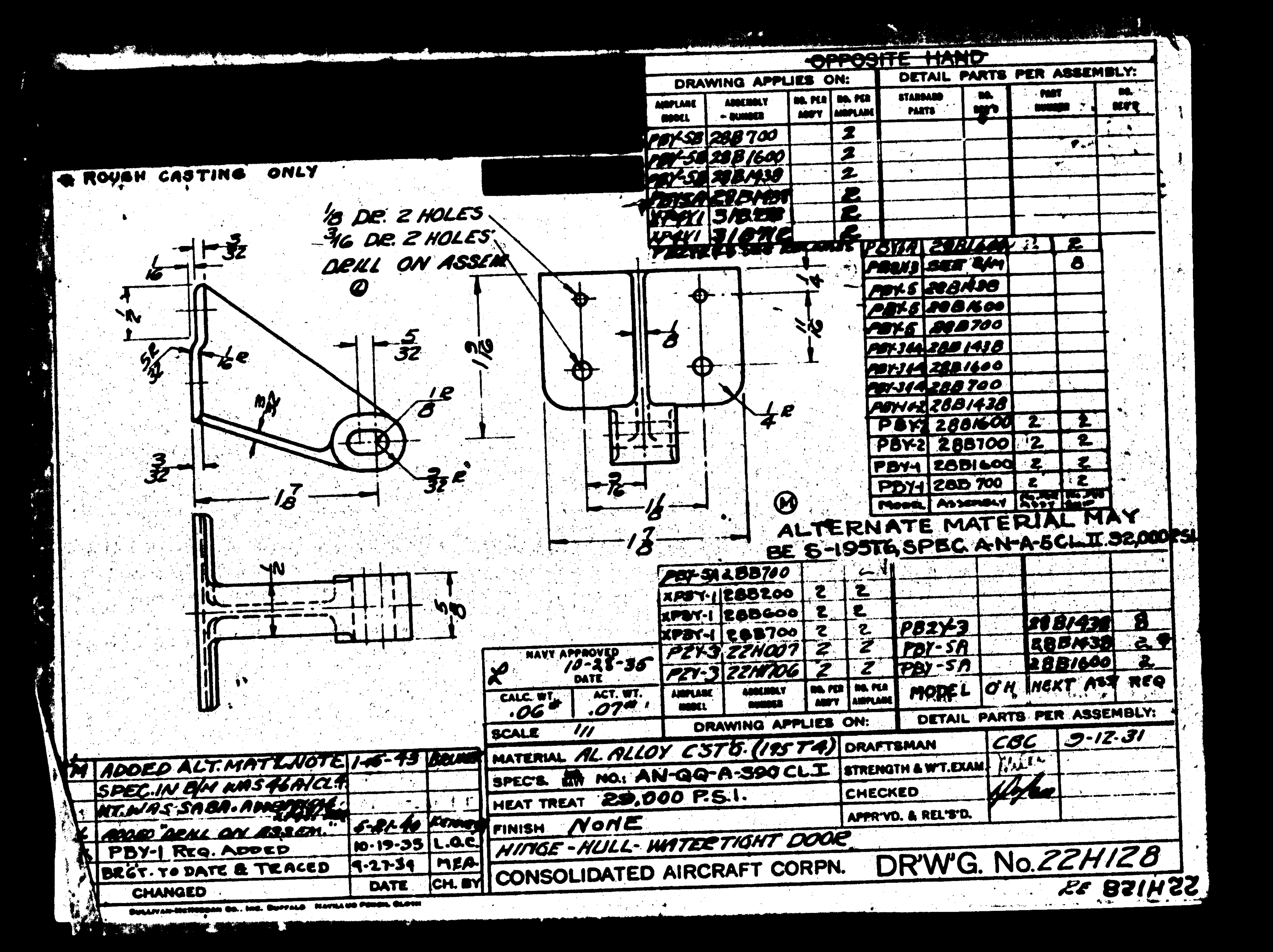
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
.193 DIA. HOLE 3 PLACES
.169 DIA. HOLE 3 PLACES
APPROVED FOR TOOLING BY
Howard 6/17/43
NOTE: MAKE FROM 24 ST ALCLAD .051 X 2 1/4 X 3
MCR 23R1
PBY-5 28G5194 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE 7-12-43
CALC. WT. .031
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED
MATERIAL
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
5-20-43
QQA362-II
SPEC.
NONE
HEAT TREAT
Z-P
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No WHERE SHOWN
NAME
SUPPORT-BRACKET-TAIL HEATER PRESSURE REGULATOR
DWG A SIZE
28G5542


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
E.O. 3928
A NEXT ASS'Y WAS 32G007 ADDED B-24 A REQ'TS. 1-7-40
B WAS 5/32 DIA 4 HOLES TO MATCH AC865-D1. 2-8-40 ROYCE
C REQ'TS / AIRPLANE CORRECTED & BROUGHT TO DATE 8-22-41
1/32
3/8 DIA.
5/8 R.
1/2 R.
DRILL #20 (.161) 4 HOLES EQUALLY SPACED
B
SHIPS #1-29
PBY-5A 28P5008 2
PBY-5 28P5008 2
LB-30 32P006 4
B-24E 32P1079 1
B-24E 32P1138 1
B-24D 32P1079 1
B-24D 32P1138 1
B-24C 32P1138 1
B-24C 32P1079 1
LB-30 32P1138 1
B-24A 32P006 4
B-24A 32P162 1
B-24 32P006 4
B-24 32P162 1
XB-24 32P006 4
XB-24 32P162 1
PBY-5B 28P5008 2
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
PURCHASE TO DWG.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT.
SCALE 12" = 1'0"
AC VELLUMOID
NAVY
MATERIAL
COMM.
NONE
SPEC.
HEAT TREAT
ST'D PARTS
LH RH
REQ.
PART NO.
LH RH
REQ.
PARTS LIST PER ASSY.
MAT. GF
NONE
FINISH
11-8-39
ROYCE 11/18/39
DRAFT
CHECK
EXAM.
ENG.
OPP HAND
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
GASKET 1/8 P.T. FLANGE
DWG. SIZE A
32G076
CHECKED BY RUDIS
DATE

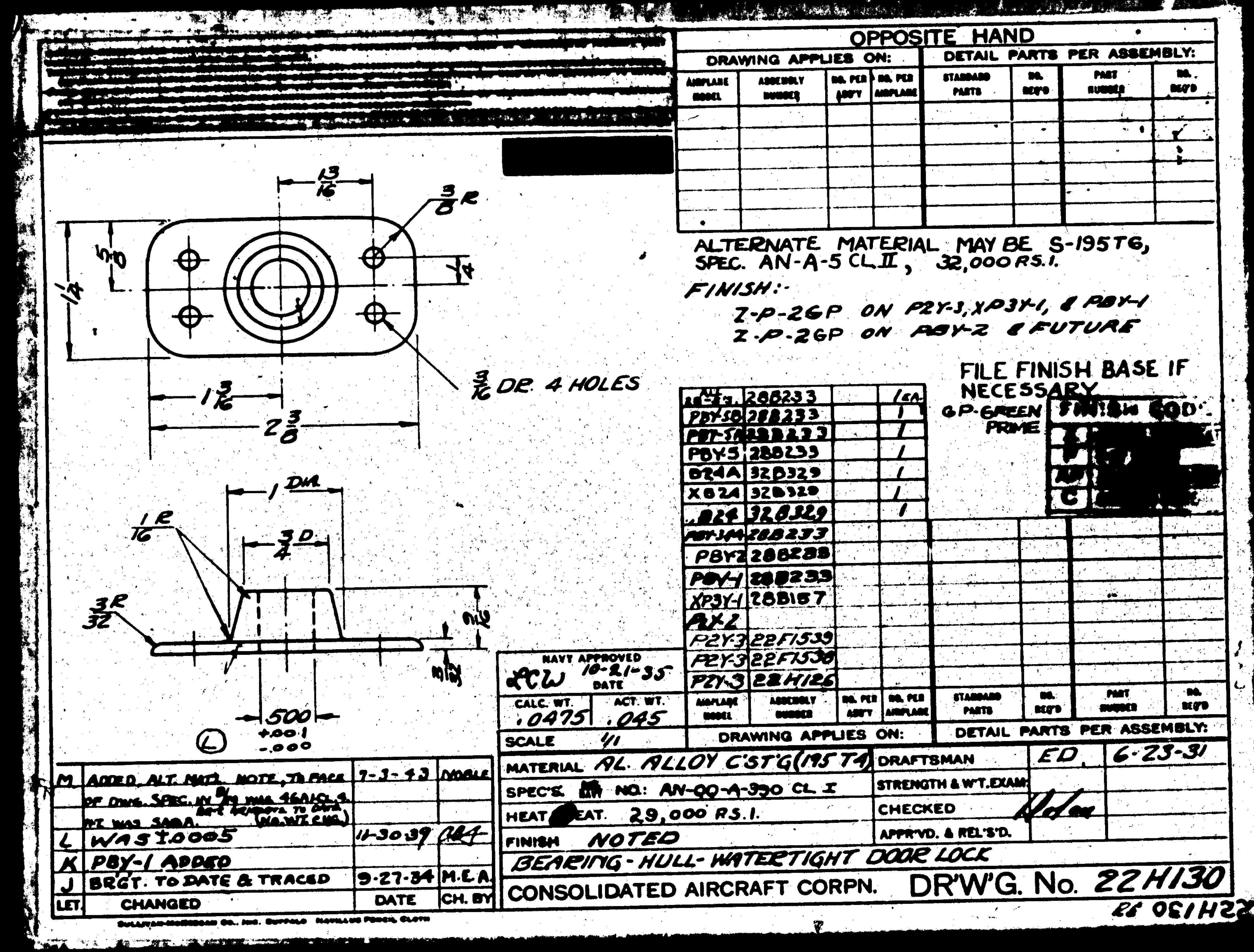


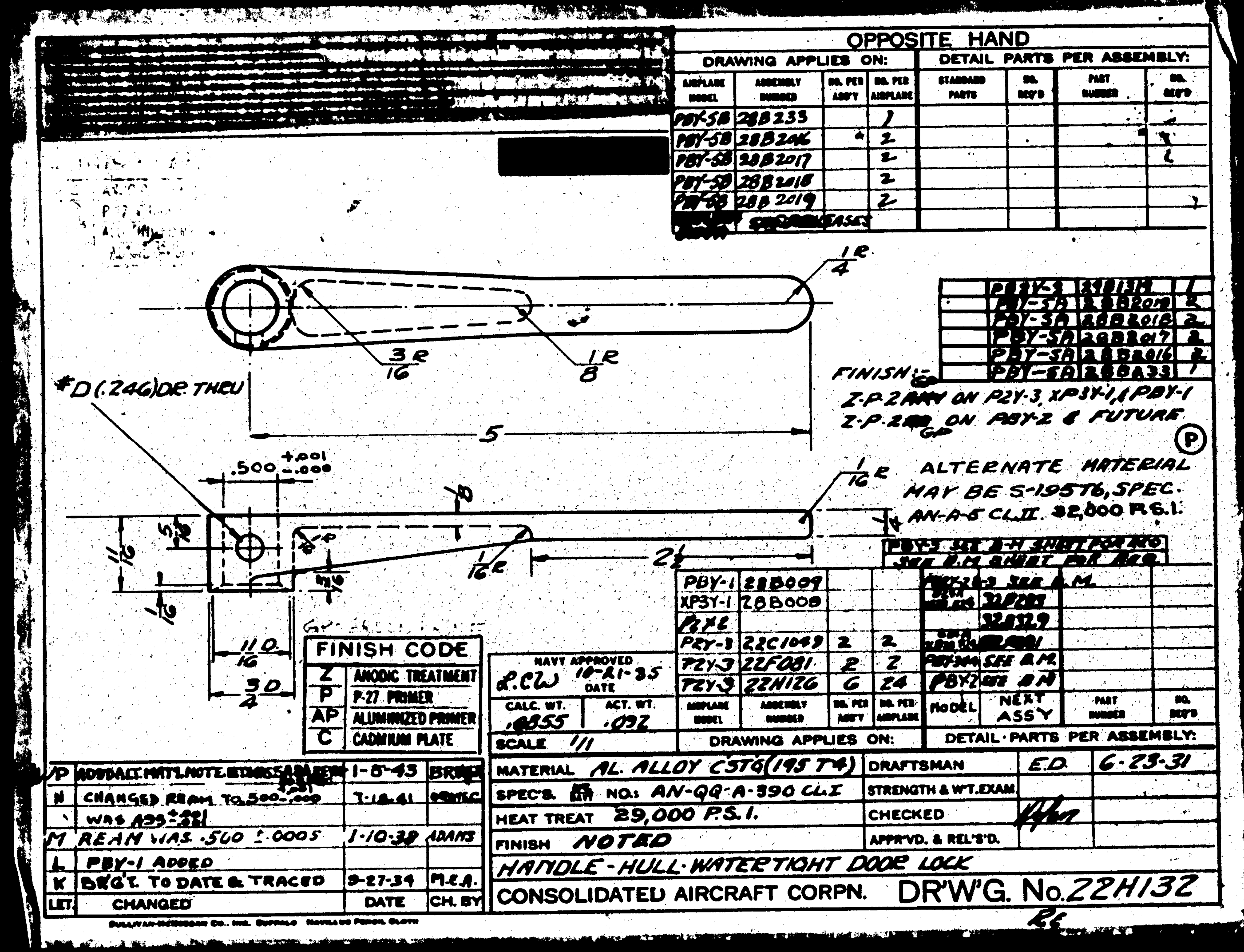
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A ADDED -2 CLIP FOR PBY-5
B B24D REQ'MTS ADDED & FINISH WAS 1-22-41
CAC-2F-32-001 & 32MF REQ'MTS
ADDED & DIA. WAS DRILL
C LB30-32G5005-16 WAS
32MF-32G1005-8
D B/M REQ'MTS. REVISED
E B-24C,D,E,LB30 REQ'TS. WERE
16 EA. PER SHIP-NOW 8 9-16-41
F CREATED -3 WT. CHG. NEG. 6/30/42 MURRAY
G ADDED XB32 & YB32 REQ'MTS
DIA. - #10(.193) THRU.
HEX. DIM.
ON -0
ON -2
ON -3
CONTR. 70496
-2 YB-32 33P026 4
-2 XB-32 33P026 4
-2 28-5AMN 28F5061 2
-2 28-5AMC 28F5061 2
-2 28-5MN 28F5061 2
-2 28-5ME 28F5061 2
-2 28-5MC 28F5061 2
-2 28-5MA 28F5061 2
-3 PBY-5B 28F5061 2
-2 PBY-5B 28F5061 2
-2 PBY-5A 28F5061 2
-0 B24E 32G1005 8
-0 LB30 32G5005 8
-0 B24D 32G1005 8
-2 PBY-5 28F5061 2
-0 B24C 32G1005 8
APPROVED
DATE
CALC. WT. .014
ACT. WT.
O.N.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
SCALE 12" = 1'-0"
MAT.
AC .064 ALC-2450
11067 I
98-10026
NONE
WILLEY
7-26
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME
CLIP -
FUEL COCK SUPPORT
A
SIZE
32G1026


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
E.O.35003
A 4.010 .005 TOLERANCE WAS 1.005 1-28-41
B REVISED FINISH - ADDED B-24D REQ. 5-1-41
C PBY-5-5A & OA-10 RQTS. CHGD. FROM 18 PER SHIP TO 16 5-12-41
D ONFACE "BAR" WAS "TUBE" 1 O.D. x 2 SPEC. QQ-A-35(T) WAS 1 O.D. x .188 x 2 SPEC. WW-T-786 TEMPER T (NO WT. CHG.) 7-7-42
E.O.A54329
E ADDED ALTERNATE MAT. NOTE (NO WT. CHG.) 10-5-42
E.O.A59453
F MATL. 1" DIA. x 2 AL. ALLOY ROD 24ST SPEC. QQ-A-354-T WAS AL. ALLOY ROD 17ST SPEC. QQ-A-351-T. NO WT. CHG. 10-5-42
1/16 R.
1/64 R
1/32 x 45°
D
BAR
+.005 -.000 21/32
+.010 -.005 3/4
A
13/16
1/8
1/8
7/8
1/16
7/8
1 13/16
C
C
B
B24D 32G1039 12
PBY-5 28G5040 16
LB30 32G1039 12
28-5AMN 28G5040 16
28-5MN 28G5040 16
28-5MA 28G5040 16
28-5ME 28G5040 16
B24E 32G1039 12
B24C 32G1039-2 12
XB-24B 32G1039 12
B-24A 32G1039 12
B-24 32G1039 12
PBY-5A 28G5040 16
E
*ALTERNATE MATERIAL - DIA CASTING AL. #13 SPEC. - AN-QQ-A-366
S.K. B
REPLACES XM40039
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.007
APPROVED DATE
CALC. WT. ACT. WT.
SCALE
O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT. PARTS LIST PER ASSY.
AC 1" DIA x 2 AL. ALLOY ROD 24ST. * QQ-A-354-T
ANODIZE & 1 COAT ZINC CHROMATE PRIME
LARSON
8-6-40
NAVY
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME LINER - AIR VENT HOSE - SELF SEALING FUEL CELLS
OPP. HAND -
DWG. A SIZE 32G1087
CHECKED BY RUDIS DATE 5-2



OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
PBY-5B 28B700 2
PBY-5B 28B1600 2
PBY-5B 28B1438 2
[redacted]
ROUGH CASTING ONLY
1/8 DR. 2 HOLES
3/16 DR. 2 HOLES
DRILL ON ASSEM
PBY-5 28B1438
PBY-5 28B1600
PBY-5 28B700
PBY-3A 28B1438
PBY-3A 28B1600
PBY-3A 28B700
PBY-2 28B1600 2 2
PBY-2 28B700 2 2
PBY-1 28B1600 2 2
PBY-1 28B700 2 2
MODEL ASSEMBLY
ALTERNATE MATERIAL MAY BE S-195T6, SPEC. AN-A-5 CL.II 32,000 PSI
XPBY-1 28B200 2 2
XPBY-1 28B600 2 2
XPBY-1 28B700 2 2
P2Y-3 22H007 2 2
P2Y-3 22H706 2 2
PB2Y-3 28B1438 8
PBY-5A 28B1438 2
PBY-5A 28B1600 2
MODEL O'H NEXT ASSY REQ
NAVY APPROVED 10-28-35 DATE
CALC. WT. .06#
ACT. WT. .07#
SCALE 1/1
MATERIAL AL. ALLOY CSTG. (195 T4)
SPEC'S. NO.: AN-QQ-A-390 CL.I
HEAT TREAT 29,000 P.S.I.
FINISH NONE
HINGE - HULL - WATERTIGHT DOOR
DRAFTSMAN CBC 9-12-31
STRENGTH & W'T. EXAM.
CHECKED
APPR'VD. & REL'S'D.
M ADDED ALT. MAT'L NOTE 1-15-43
SPEC. IN B/M WAS 46A/CL.4
WT. WAS 5ABA.
ADDED "DRILL ON ASSEM." 5-21-40
PBY-1 REQ. ADDED 10-19-35 L.O.C.
BRGT. TO DATE & TRACED 9-27-34 MEA
CHANGED DATE CH. BY
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22H128


[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
[redacted]
13/16
3/8 R
5/8
1/4
1 1/4
1 3/16
2 3/8
3/16 DR. 4 HOLES
ALTERNATE MATERIAL MAY BE S-195T6, SPEC. AN-A-5 CL.II, 32,000 RS.I.
FINISH:-
Z-P-26P ON P2Y-3, XP3Y-1, & PBY-1
Z-P-26P ON PBY-2 & FUTURE
FILE FINISH BASE IF NECESSARY
GP-GREEN PRIME
[redacted]
1 DIA
1/16 R
3/4 D
3/32 R
.500 +.001 -.000
L
NAVY APPROVED
LCW 10-21-35
DATE
CALC. WT. .0475
ACT. WT. .045
SCALE 1/1
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
PBY-5B 28B233 1
PBY-5A 28B233 1
PBY-5 28B233 1
B24A 32B329 1
XB24 32B329 1
B24 32B329 1
PBY-3 28B233
PBY-2 28B233
PBY-1 28B233
XP3Y-1 28B157
PBY-2
P2Y-3 22F1539
P2Y-3 22F1536
P2Y-3 22H126
M ADDED ALT. MAT'L NOTE, TO FACE OF DWG. SPEC. WAS 46A1 CL.3. WT WAS SAME. 7-3-43 NOBLE
L WAS ±.0005 11-30-39
K PBY-1 ADDED
J BRGT. TO DATE & TRACED 9-27-34 M.E.A.
LET. CHANGED DATE CH. BY
MATERIAL AL. ALLOY C'ST'G (195 T4)
SPEC'S. NO: AN-QQ-A-390 CL I
HEAT TREAT. 29,000 RS.I.
FINISH NOTED
DRAFTSMAN ED. 6-23-31
STRENGTH & WT. EXAM.
CHECKED
APPR'VD. & REL'S'D.
BEARING - HULL - WATERTIGHT DOOR LOCK
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22H130
22H130 38


OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
PBY-5B 28B233 1
PBY-5B 28B2016 2
PBY-5B 28B2017 2
PBY-5B 28B2018 2
PBY-5B 28B2019 2
[redacted]
1/4 R
3/16 R
1/8 R
#D(.246)DR. THRU
5
PBY-5 28B13H 1
PBY-5A 28B2019 2
PBY-5A 28B2018 2
PBY-5A 28B2017 2
PBY-5A 28B2016 2
PBY-5A 28B233 1
FINISH:
Z-P-2 ON P2Y-3, XP3Y-1, & PBY-1
Z-P-2 GP ON PBY-2 & FUTURE
P
.500 +.001 -.000
1/16 R
ALTERNATE MATERIAL MAY BE S-195T6, SPEC. AN-A-5 CL.II 32,000 P.S.I.
1/4
2 1/2
1/16 R
11/16
1/16
11/16
3/4
PBY-5 SEE B.M. SHEET FOR ASS'Y
SEE B.M. SHEET FOR ASS'Y
PBY-1 28B009
XP3Y-1 28B009
P2Y-2
P2Y-3 22C1049 2 2
P2Y-3 22F081 2 2
P2Y-3 22H126 6 24
PBY-2 SEE B.M.
PBY-2
MODEL
NEXT ASSY
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
NAVY APPROVED
L.C.W. 10-21-35
DATE
CALC. WT. .0855
ACT. WT. .092
SCALE 1/1
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
P ADDED ALT. MAT'L NOTE 1-8-43
N CHANGED REAM TO .500 +.001 -.000 WAS .499 +.001 -.001 7-12-41
M REAM WAS .500 ± .0005 1-10-38 ADAMS
L PBY-1 ADDED
K BRG'T. TO DATE & TRACED 9-27-34 M.E.A.
LET. CHANGED DATE CH. BY
MATERIAL AL. ALLOY C5T6 (195 T4)
SPEC'S. NO.: AN-QQ-A-390 CL.I
HEAT TREAT 29,000 P.S.I.
FINISH NOTED
DRAFTSMAN E.D. 6-23-31
STRENGTH & WT. EXAM.
CHECKED
APPR'VD. & REL'S'D.
HANDLE - HULL - WATERTIGHT DOOR LOCK
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22H132

[redacted]

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5B	28B2016		3				
PBY-5B	28B2017		3				
PBY-5B	28B2018		3				
PBY-5B	28B2019		3				

13/16

1/32   1/32

45° CHAMFER BOTH ENDS

.250 ± .0005

FINISH CODE
[redacted]

	PBY-5A [redacted]
	PBY-5A [redacted]
	PBY-5A [redacted]
	PBY-5A [redacted]

SEE B.M SHEET FOR REQ.

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE
XB2Y, B2Y	32B329		2
PBY-3&4	SEE B.M		
PBY-2	SEE BM		
PBY-1	28B009		
XP3Y-1	28B009		
P2Y-2			
XBY-1	18F142	1	1
XBY-1	18F198	2	2
P2Y-3	22F1535		2
P2Y-3	22F1538		2
P2Y-3	22H126		48

DRAWING APPLIES ON:

STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D

DETAIL PARTS PER ASSEMBLY:

NAVY APPROVED: P.C.W. DATE 10-22-35

CALC. WT. .00417 | ACT. WT. .004

SCALE 1/1

MATERIAL 1/4 DRILL ROD

SPEC'S. NO.: 4659

HEAT TREAT NONE

FINISH C

DRAFTSMAN MILLER 8-21-30

STRENGTH & W'T. EXAM.

CHECKED

APPR'VD. & REL'S'D.

PNY-HULL-WATER TIGHT DOOR-LOCK KEY

CONSOLIDATED AIRCRAFT CORPN. DR'WG. No. 22H199

LET.	CHANGED	DATE	CH. BY
T	MAT'L CHANGED FROM C.M.ST. TO DRILL ROD	5-27-37	S.D.W.
S	PBY-1 ADDED		
R	BR'G'T. TO DATE & TRACED	9-28-34	M.E.A.

[redacted]

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D

.500 $^{+.0005}_{-.001}$ DIA. REAM.

#32 (.116) DRILL

3/16

1.500 $^{+.000}_{-.005}$

(E)

MAKE FROM CUT STEEL WORM
S12WQN, -12 DIAM. PITCH-
CHARLES BOND COMPANY
PHILADELPHIA. PA.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

MCR272A-1 FOR #1 TO MCR272A-1

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5A	28B5811		1				
PBY-5A	28B1808		1				
PBY-5			1				
PBY-5B			1				
OA-10			1				
28-5AM			1				
28-5MC			1				
28-5MU			1				
28-5ME			1				
PBY-MC	28B1808		1				
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			

NAVY APPROVED LCW 3-6-36 DATE

CALC. WT. .22# | ACT. WT. .22#

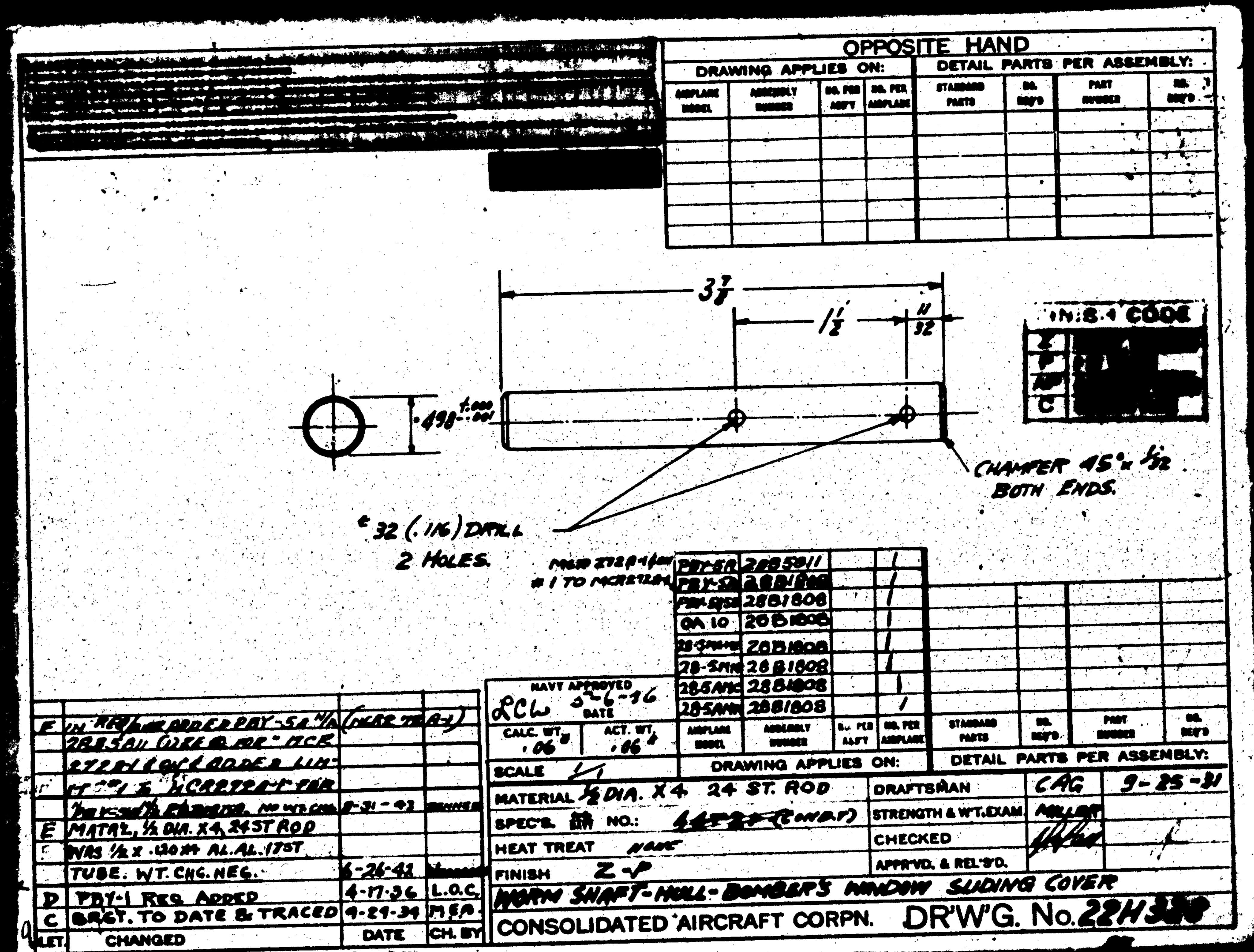
SCALE 1/1

LET.	CHANGED	DATE	CH. BY
G	[illegible] ADDED PBY-5A [illegible] (MCR272A-1) 28B5811 (1) [illegible] FOR MCR272 A-15 [illegible] ADDED LIMIT #1 [illegible] MCR272A-1 FOR PBY-5A		
[illegible]	[illegible] REQ. NO WT. CHG.	8-31-41	[illegible]
F	FINISH ADDED	4-15-36	L.O.C.
E	LIMITS ADDED	4-15-36	L.O.C.
D	PBY-1 REQ. ADDED	4-15-36	L.O.C.
C	BRGT. TO DATE & TRACED	9-27-39	M.E.D.

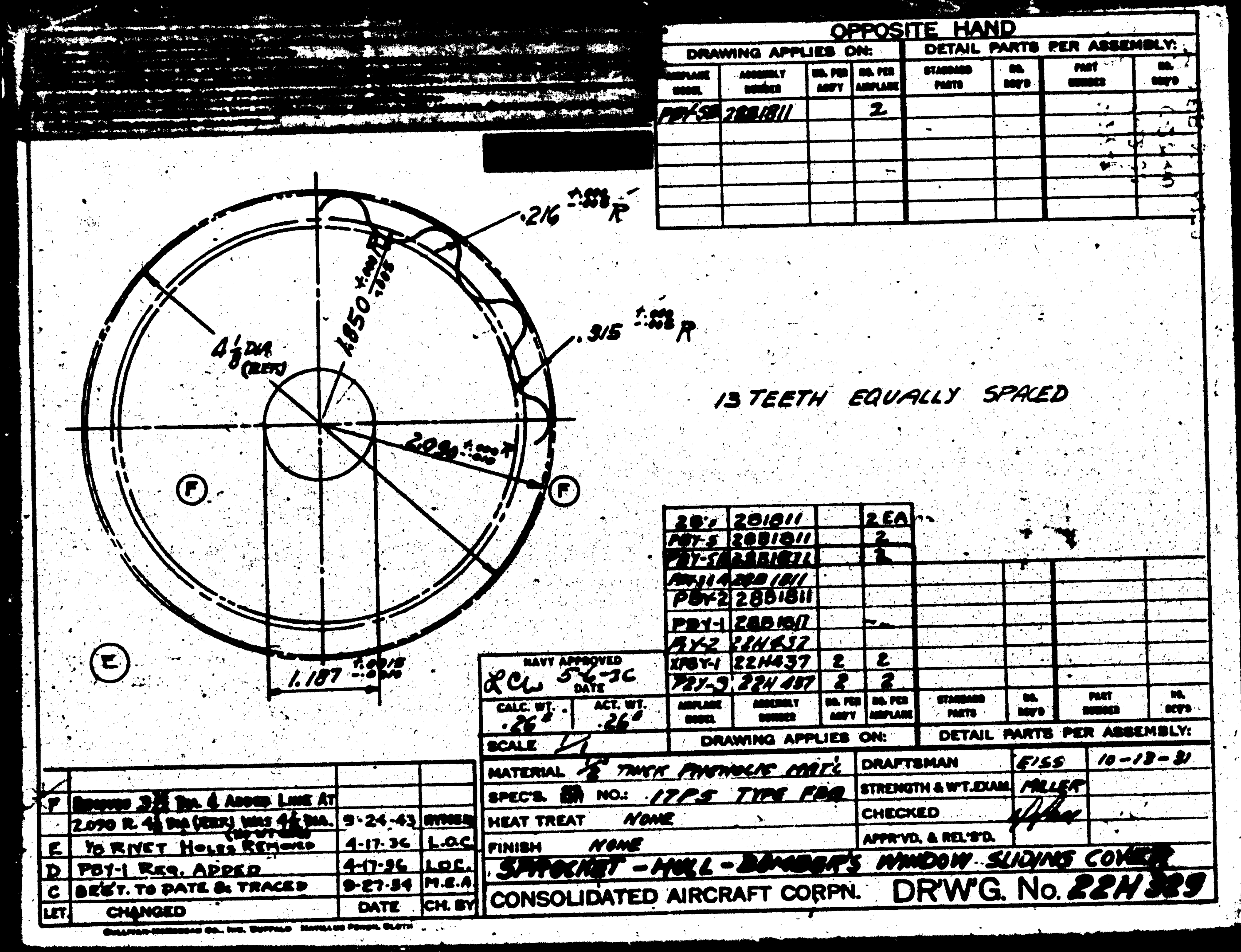
MATERIAL	NOTED	DRAFTSMAN	EISS 10-14-32
SPEC'S. NO.:	NONE	STRENGTH & WT. EXAM.	MILLER
HEAT TREAT	NONE	CHECKED	[illegible]
FINISH	C - OUTSIDE ONLY (F)	APPR'VD. & REL'S'D.	

WORM - HULL - BOMBER'S WINDOW SLIDING COVER

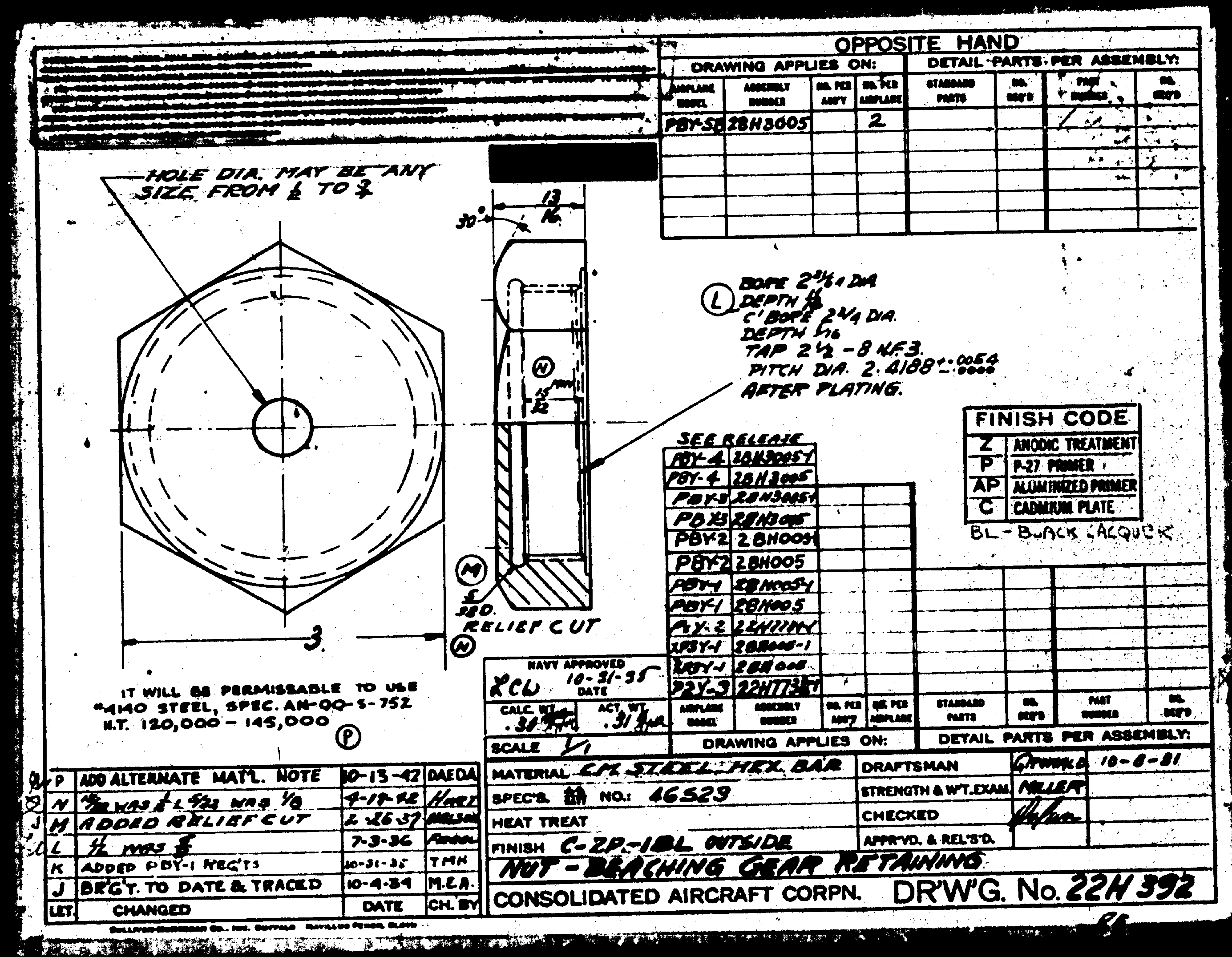
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22H326



[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
DETAIL PARTS PER ASSEMBLY:
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
3 7/8
1 1/2
11/32
.498 +.000 -.001
CHAMFER 45° x 1/32 BOTH ENDS.
#32 (.116) DRILL 2 HOLES.
IN.S.A CODE
C
PBY-5A 28B5811 1
PBY-5 28B1808 1
28B1808 1
OA 10 28B1808 1
28B1808 1
28-5MN 28B1808 1
28-5AMC 28B1808 1
28-5ANN 28B1808 1
NAVY APPROVED
LCW 5-6-36
DATE
CALC. WT. .06#
ACT. WT. .06#
SCALE 1/1
MATERIAL 1/2 DIA. X 4 24 ST. ROD
SPEC'S. NO.: (CONT.)
HEAT TREAT NONE
FINISH Z-P
DRAFTSMAN CAG 9-25-31
STRENGTH & WT. EXAM.
CHECKED
APPR'VD. & REL'S'D.
WORM SHAFT-HULL-BOMBER'S WINDOW SLIDING COVER
CONSOLIDATED AIRCRAFT CORPN. DR'WG. No. 22H3
E MATRL, 1/2 DIA. X 4, 24ST ROD
WAS 1/2 x .120 x 4 AL. AL. 17ST
TUBE. WT. CHG. NEG. 6-26-42
D PBY-1 REQ. ADDED 4-17-36 L.O.C.
C BRGT. TO DATE & TRACED 9-29-34 MEA.
LET. CHANGED DATE CH. BY



OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
PBY-5B 28B1811 2
[redacted]
.216 R
1.850
.315 R
4 1/8 DIA (REF)
2.090 R
13 TEETH EQUALLY SPACED
F
F
E
1.187
28-1 28B1811 2 EA
PBY-5 28B1811 2
PBY-2 28B1811
PBY-1 28B1811
XPBY-1 22H437 2 2
PBY-3 22H437 2 2
NAVY APPROVED
DATE
CALC. WT. .26
ACT. WT. .26
SCALE
MATERIAL THICK PHENOLIC MAT'L
SPEC'S. NO.: 17PS TYPE FBG
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN E'SS 10-13-31
STRENGTH & W'T. EXAM. MILLER
CHECKED
APPR'VD. & REL'S'D.
SPROCKET - HULL - BOMBER'S WINDOW SLIDING COVER
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22H329
F 2.090 R 4 1/8 DIA (REF) WAS 4 1/8 DIA. 9-24-43
E 1/8 RIVET HOLES REMOVED 4-17-36 L.O.C.
D PBY-1 REQ. ADDED 4-17-36 L.O.C.
C BR'T. TO DATE & TRACED 9-27-34 M.E.A.
LET. CHANGED DATE CH. BY


[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
PBY-5B 28H3005
2
[redacted]
HOLE DIA. MAY BE ANY SIZE FROM 1/2 TO 3/4
30°
13/16
L
BORE 2 31/64 DIA
DEPTH 11/16
C'BORE 2 3/4 DIA.
DEPTH 1/16
TAP 2 1/2 - 8 N.F.3.
PITCH DIA. 2.4188 +.0054 -.0000
AFTER PLATING.
N
15/32
M
5/32 D.
RELIEF CUT
3
N
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
BL - BLACK LACQUER
SEE RELEASE
PBY-4 28H3005-1
PBY-4 28H3005
PBY-3 28H3005-1
PBY-3 28H3005
PBY-2 28H005-1
PBY-2 28H005
PBY-1 28H005-1
PBY-1 28H005
P3Y-2 22H77-1
XPBY-1 28H005-1
XPBY-1 28H005
P2Y-3 22H773-1
IT WILL BE PERMISSABLE TO USE #4140 STEEL, SPEC. AN-QQ-S-752
H.T. 120,000 - 145,000
P
NAVY APPROVED
LCW 10-31-35
DATE
CALC. WT. .31
ACT. WT. .31
SCALE 1/1
P ADD ALTERNATE MAT'L. NOTE 10-13-42 DAEDA
N 15/32 WAS 1/2 & 5/32 WAS 1/8 4-19-42
M ADDED RELIEF CUT 2-26-37 NELSON
L 1/2 WAS 5/8 7-3-36
K ADDED PBY-1 REQ'TS 10-31-35 TMH
J BRG'T. TO DATE & TRACED 10-4-34 M.E.A.
LET. CHANGED DATE CH. BY
MATERIAL C.M. STEEL HEX BAR
SPEC'S. AN NO.: 46S23
HEAT TREAT
FINISH C-2P-1BL OUTSIDE
DRAFTSMAN 10-8-31
STRENGTH & W'T. EXAM. MILLER
CHECKED
APPR'VD. & REL'S'D.
NUT - BEACHING GEAR RETAINING
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22H392

[redacted]

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5B	28B183		4				
PBY-5	28B183		4				
[illegible]	28B183		4 EA				
[illegible]	28B183		4 EA				
[illegible]	28B183		4 EA				

NOTE-
MAT'L. MAY BE-
(A) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.

.3435.005

3/8

REAM .1875-[illegible]

CHAMFER 45° × 3/64

[redacted]

PBY-[illegible]	28B183		4				
PBY-3&4	28B183						
PBY-2	28B183						
PBY-1	28B183						
P2Y-2	22H283	4	4				
XP3Y-1	28B183	4	4				
P2Y-3	22H283	4	4				
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			

NAVY APPROVED LCW 5-6-36 DATE

CALC. WT. .007 | ACT. WT. .006

SCALE 1/1

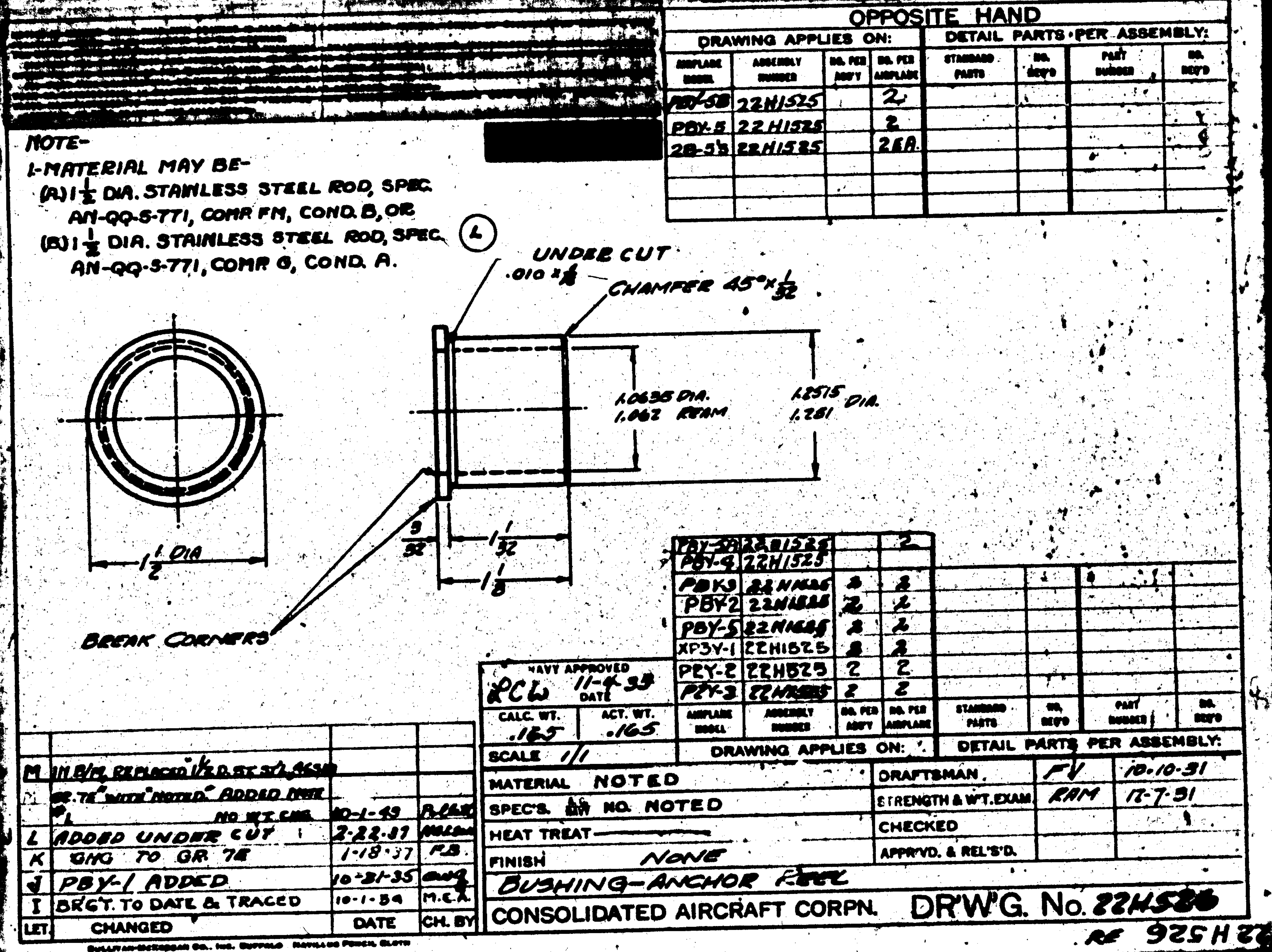
LET.	CHANGED	DATE	CH. BY
J	IN P/N REPLACED "ST. STL. BAR 4631B GR. 7E" WITH "NOTED". REMOVED "T.S. 95,000 P.S.I." FROM STEEL'G. ADDED MAT'L NOTE. NO WT. CHG.	9-17-43	R.B.C.
H	.3435.005 WAS 5/16 DR. (NO WT. CHG.)	3-22-40	[illegible]
G	CHG TO GR. 7E	1-18-37	FB
F	PBY-1 REQ. ADDED	4-29-36	L.O.C.
E	BRG'T. TO DATE & TRACED	10-1-34	M.E.A.

MATERIAL - NOTED	DRAFTSMAN	EPD	10-30-31
SPEC'S. NO. NOTED	STRENGTH & WT. EXAM.	RAM	11-12-31
HEAT TREAT ———	CHECKED		
FINISH C	APPR'VD. & REL'S'D.		

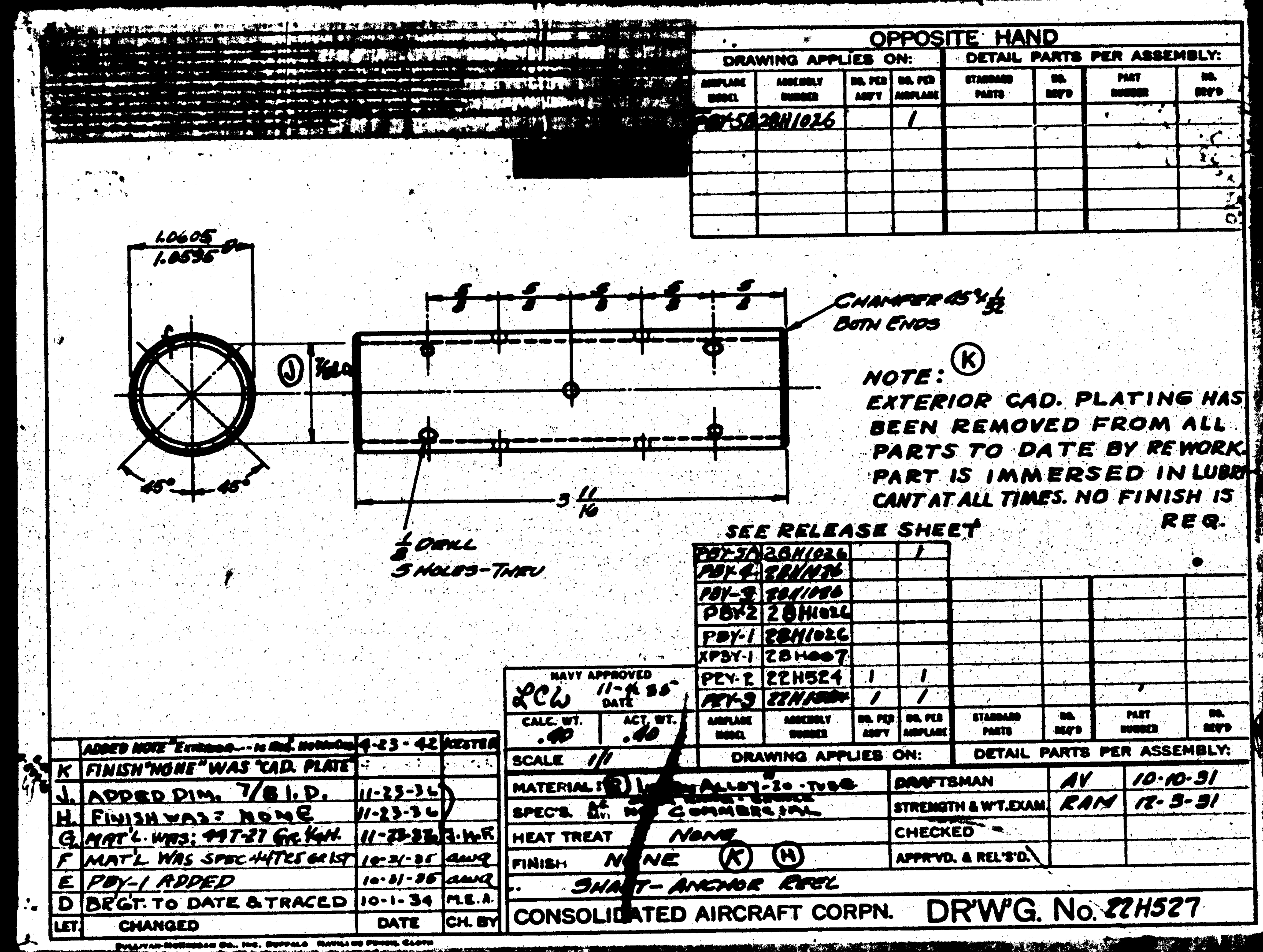
ROLLER-HULL-BOMBER'S WINDOW SLIDING COVER

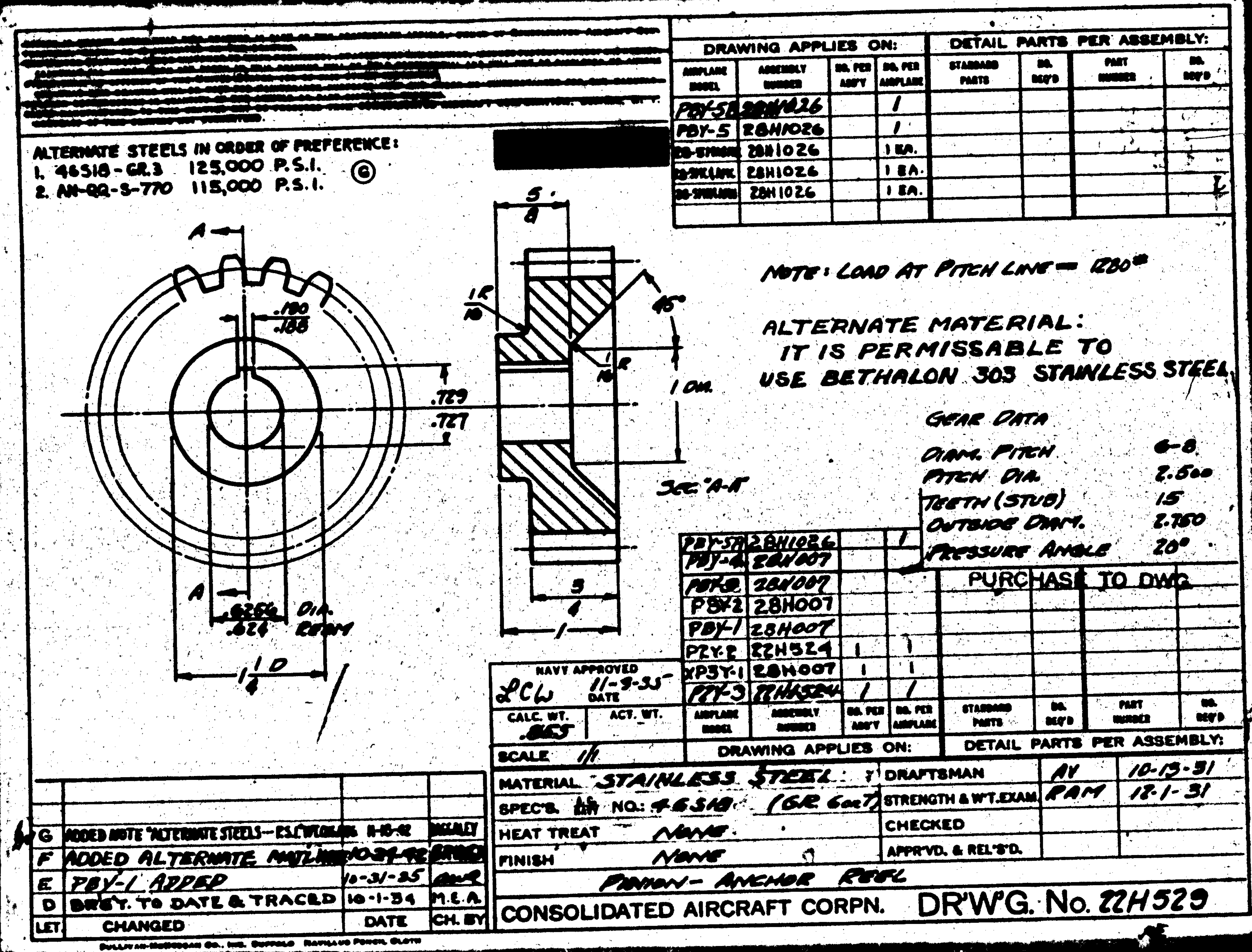
CONSOLIDATED AIRCRAFT CORPN. DR'WG. No. 22H512

22H512



[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
22H1525 2
PBY-5 22H1525 2
28-5 22H1585 2EA.
NOTE-
1-MATERIAL MAY BE-
(A) 1 1/2 DIA. STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B) 1 1/2 DIA. STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.
L
UNDER CUT .010 x 1/8
CHAMFER 45° x 1/32
1.0635 DIA. 1.062 REAM
1.2515 1.251 DIA.
1 1/2 DIA
3/32
1 1/32
1 1/8
BREAK CORNERS
PBY-5A 22H1525 2
PBY-4 22H1525
PBY-3 2 2
PBY-2 2 2
PBY-5 2 2
XP3Y-1 22H1525 2 2
PBY-2 22H525 2 2
PBY-3 2 2
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASSY
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
NAVY APPROVED
11-4-35
DATE
CALC. WT. .165
ACT. WT. .165
SCALE 1/1
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
MATERIAL NOTED
SPEC'S. AN NO. NOTED
HEAT TREAT
FINISH NONE
DRAFTSMAN FV 10-10-31
STRENGTH & WT. EXAM RAM 12-7-31
CHECKED
APPR'VD. & REL'S'D.
BUSHING-ANCHOR REEL
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22H526
NO WT. CHG. 10-1-43
L ADDED UNDER CUT 2-22-37
K CHG TO GR 7E 1-18-37 FB.
J PBY-1 ADDED 10-31-35
I BR'G'T. TO DATE & TRACED 10-1-34 M.C.A.
LET. CHANGED DATE CH. BY
RE 22H526


OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
PBY-5A 28H1026 1
1.0605
1.0595
45°
45°
J
7/8 I.D.
5/8
5/8
5/8
5/8
5/8
CHAMFER 45° x 1/32
BOTH ENDS
3 11/16
1/8 DRILL
5 HOLES-THRU
NOTE: K
EXTERIOR CAD. PLATING HAS BEEN REMOVED FROM ALL PARTS TO DATE BY REWORK. PART IS IMMERSED IN LUBRICANT AT ALL TIMES. NO FINISH IS REQ.
SEE RELEASE SHEET
PBY-5A 28H1026 1
PBY-4 28H1026
PBY-3 28H1026
PBY-2 28H1026
PBY-1 28H1026
XP3Y-1 28H007
PBY-2 22H524 1 1
PBY-3 22H524 1 1
NAVY APPROVED
LCW 11-6-35
DATE
CALC. WT. .40
ACT. WT. .40
SCALE 1/1
MATERIAL
SPEC'S.
HEAT TREAT NONE
FINISH NONE K H
SHAFT - ANCHOR REEL
DRAFTSMAN AV 10-10-31
STRENGTH & WT. EXAM. RAM 12-3-31
CHECKED
APPR'VD. & REL'S'D.
CONSOLIDATED AIRCRAFT CORPN.
DR'WG. No. 22H527
ADDED NOTE 4-23-42
K FINISH "NONE" WAS "CAD. PLATE"
J ADDED DIM. 7/8 I.D. 11-23-36
H FINISH WAS: NONE 11-23-36
G MAT'L WAS:
F MAT'L WAS 10-31-35
E PBY-1 ADDED 10-31-35
D BRGT. TO DATE & TRACED 10-1-34 M.E.A.
LET. CHANGED DATE CH. BY


[redacted]
[redacted]
ALTERNATE STEELS IN ORDER OF PREFERENCE:
1. 4651B - GR.3 125,000 P.S.I.
2. AN-QQ-S-770 115,000 P.S.I.
DRAWING APPLIES ON:
AIRPLANE MODEL | ASSEMBLY NUMBER | NO. PER ASS'Y | NO. PER AIRPLANE
PBY-5B 28H1026 1
PBY-5 28H1026 1
28H1026 1 EA.
28H1026 1 EA.
28H1026 1 EA.
DETAIL PARTS PER ASSEMBLY:
STANDARD PARTS | NO. REQ'D | PART NUMBER | NO. REQ'D
NOTE: LOAD AT PITCH LINE = 1280#
ALTERNATE MATERIAL:
IT IS PERMISSABLE TO
USE BETHALON 303 STAINLESS STEEL
GEAR DATA
DIAM. PITCH 6-8
PITCH DIA. 2.500
TEETH (STUB) 15
OUTSIDE DIAM. 2.750
PRESSURE ANGLE 20°
A
A
.190
.188
.729
.727
.6256
.624
DIA. REAM
1 1/4 D
5/8
3/4
1
1/16 R
1/16 R
45°
1 DIA.
SEC. "A-A"
PBY-5A 28H1026 1
PBY-4 28H007
PBY-3 28H007
PBY-2 28H007
PBY-1 28H007
P2Y-2 22H524 1 1
XP3Y-1 28H007 1 1
P2Y-3 22H524 1 1
PURCHASE TO DWG.
NAVY APPROVED
LCW 11-9-35 DATE
CALC. WT. .565
ACT. WT.
SCALE 1/1
MATERIAL STAINLESS STEEL
SPEC'S. NO.: 46S18 (GR. 6 or 7)
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN AY 10-13-31
STRENGTH & W'T. EXAM. RAM 12-1-31
CHECKED
APPR'VD. & REL'S'D.
PINION - ANCHOR REEL
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22H529
G ADDED NOTE "ALTERNATE STEELS—P.S.I." 11-16-42
F ADDED ALTERNATE MAT'L 10-24-42
E PBY-1 ADDED 10-31-35
D BR'T. TO DATE & TRACED 10-1-34 M.E.A.
LET. CHANGED DATE CH. BY

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5B	28H1026		1				
PBY-5	28H1026		1				
28-5	28H1026		1 EA.				

NOTES-

1- MATERIAL MAY BE-

(A) $\frac{3}{16}$ STAINLESS STEEL BAR, SPEC. AN-QQ-S-771, COMP. G, COND. B, OR

(B) $\frac{3}{16}$ STAINLESS STEEL BAR, SPEC. AN-QQ-S-771, COMP. G, COND. A.

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5A	28H1026		1				
PBY-4	28H1017						
PBY-3	28H1017						
PBY-2	28H007						
PBY-1	28H007						
XP3Y-1	28H007						
P2Y-2	22H524	1	1				
P2Y-3	22H1524	1	1				

DRAWING APPLIES ON: | DETAIL PARTS PER ASSEMBLY:

NAVY APPROVED LCW 11-4-35 DATE

CALC. WT.	ACT. WT.
.006	.0055

SCALE 1/1

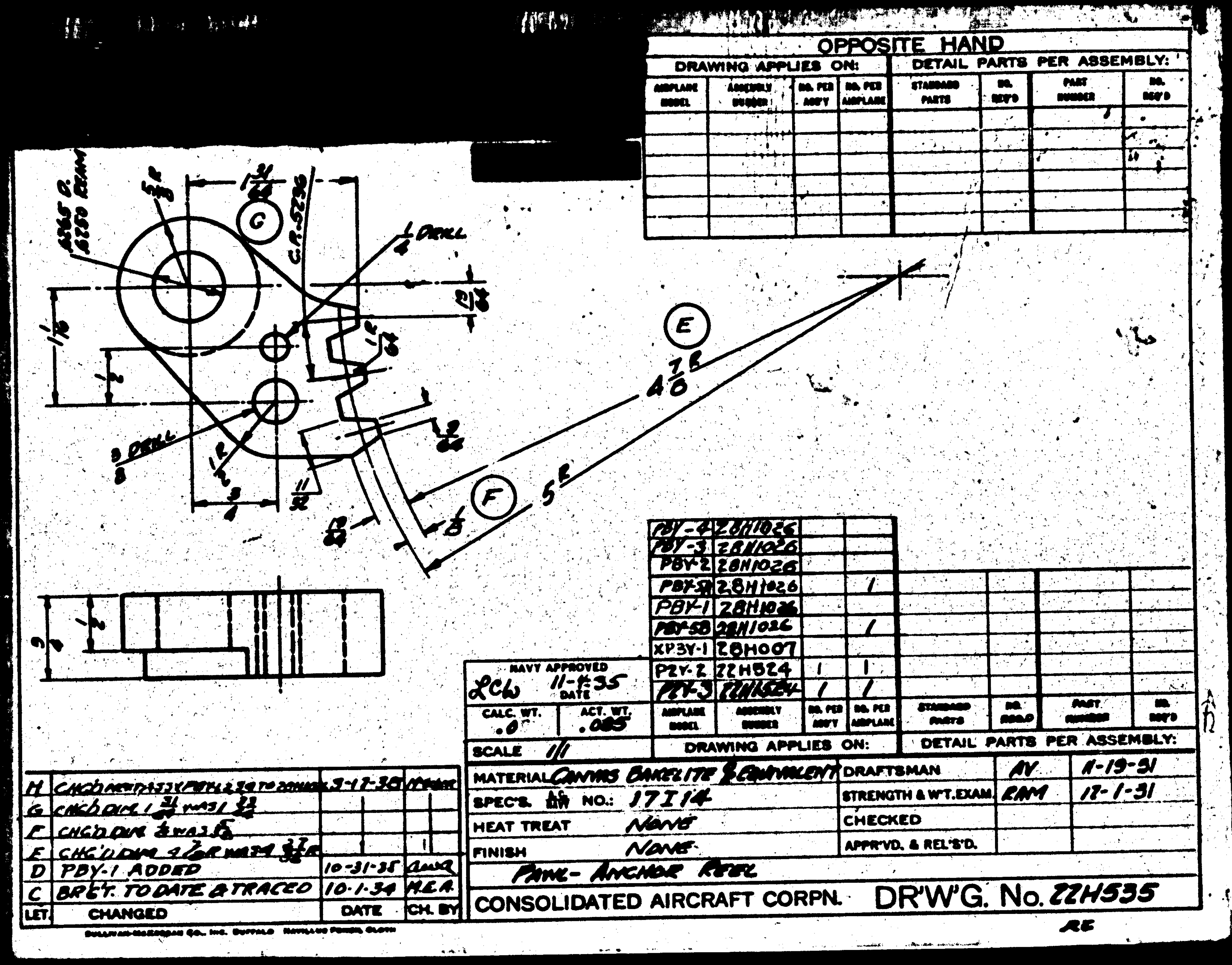
LET.	CHANGED	DATE	CH. BY
H	M.D/M, REPLACED "3/16 ST. ST'L. BAR GR. IC" WITH "NOTED". ADDED MAT'L. NOTE. NO WT. CHG.	9-30-43	[illegible]
G	CHGD. NAVY SPEC. 1H to 1C	1-19-37	SMITH
F	PBY-1 ADDED	10-31-35	[illegible]
E	BRG'T. TO DATE & TRACED	10-1-34	M.C.A.

MATERIAL	NOTED	DRAFTSMAN	AV	11-3-31
SPEC'S. AC/NAV NO	NOTED	STRENGTH & W'T. EXAM	RAM	12-1-31
HEAT TREAT	NONE	CHECKED		
FINISH	NONE	APPR'VD. & REL'S'D.		

KEY- ANCHOR REEL CRANK SHAFT

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 82H531

RE 159H22



[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
G
E
F
1 31/64
1/4 DRILL
C.R. 5236
1 1/16
1/2
3/8 DRILL
3/4
11/32
13/64
4 7/8
5 1/8
2/64
9/16
1/2
PBY-4 28H1026
PBY-3 28H1026
PBY-2 28H1026
PBY-5A 28H1026 1
PBY-1 28H1026
PBY-5B 28H1026 1
XP3Y-1 28H007
P2Y-2 22H524 1 1
P2Y-3 1 1
NAVY APPROVED
LCW 11-1-35 DATE
CALC. WT. .0
ACT. WT. .085
SCALE 1/1
MATERIAL CANVAS BAKELITE & EQUIVALENT
SPEC'S. NO.: 17I14
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN AV 11-19-31
STRENGTH & W'T.EXAM. RAM 12-1-31
CHECKED
APPR'VD. & REL'S'D.
PAWL - ANCHOR REEL
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22H535
H CHG'D ... 3-12-35
G CHG'D DIM 1 31/64 WAS 1 33/64
F CHG'D DIM 1/8 WAS 3/16
E CHG'D DIM 4 7/8 WAS 4 27/32
D PBY-1 ADDED 10-31-35
C BRC'T. TO DATE & TRACED 10-1-34 M.E.A.
LET. CHANGED DATE CH. BY

[redacted]

OPPOSITE HAND

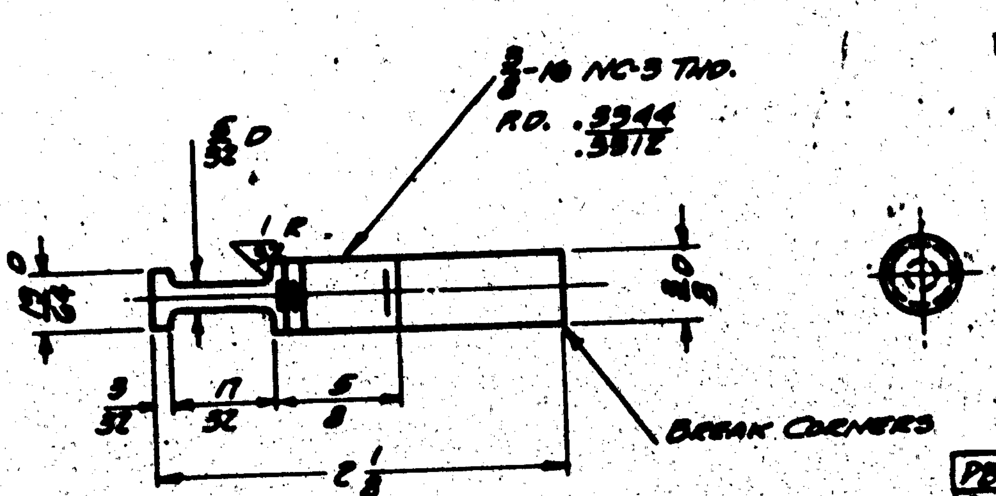
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5	28H1026		1				
28-5'3	28H1026		1EA				

NOTES-

1- MATERIAL MAY BE-

(A) 3/8 DIA. STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND.B, OR

(B) 3/8 DIA. STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.



AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5B	28H1026		1				
PBY-5A	28H1026		1				
PBY-4	28H007						
PBY-3	28H007						
PBY-2	28H007						
PBY-1	28H007						
XP3Y-1	28H007						
P2Y-2	22H524	1	1				
P2Y-3	22H524	1	1				
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			

NAVY APPROVED LCW 11-6-35 DATE

CALC. WT.	ACT. WT.
.050	.060

SCALE 1/1

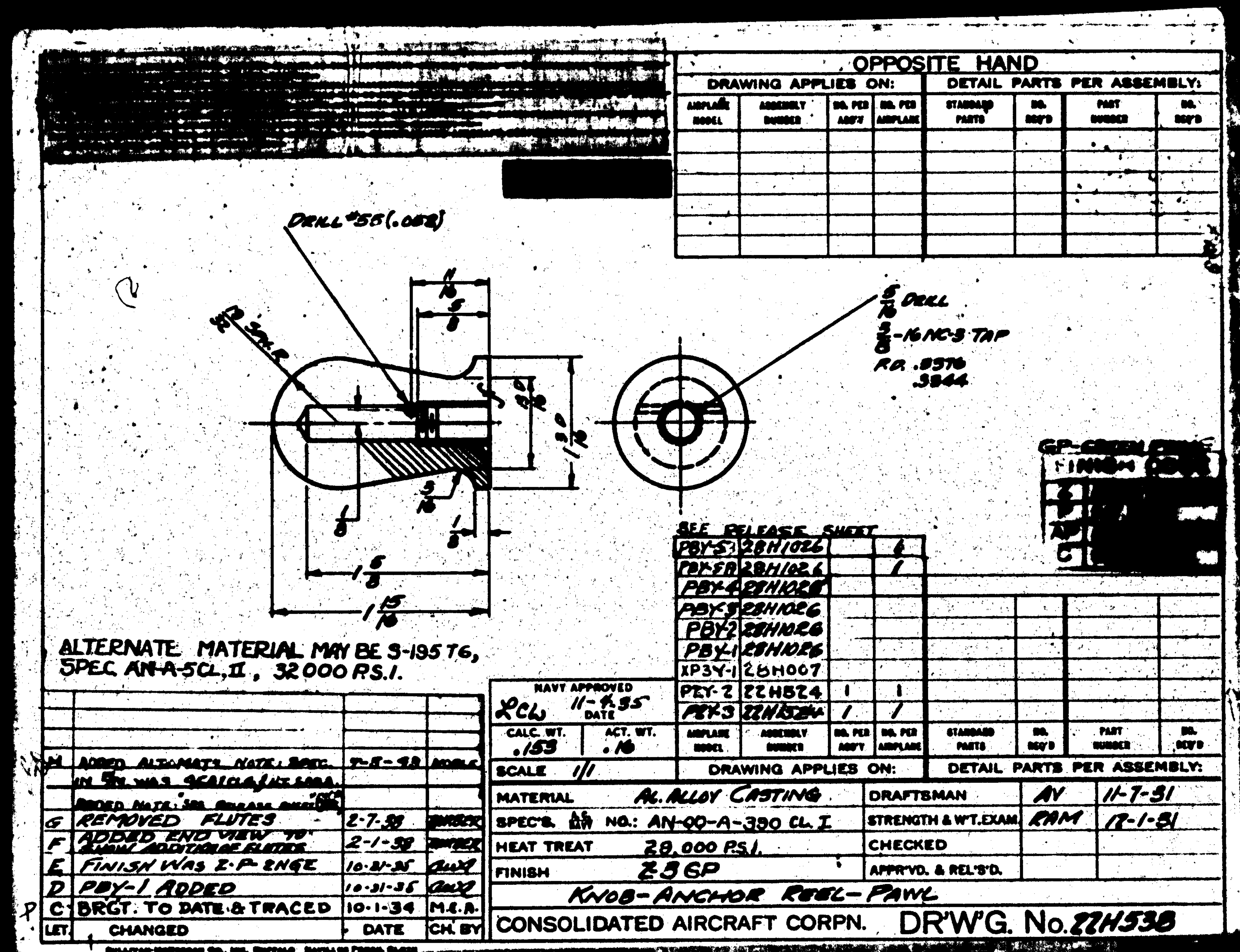
MATERIAL NOTED	DRAFTSMAN	AV	11-7-31
SPEC'S. AN NO. NOTED	STRENGTH & WT. EXAM.	R.A.M.	12-1-31
HEAT TREAT —	CHECKED		
FINISH NONE	APPR'VD. & REL'S'D.		

STUD - ANCHOR REEL PAWL

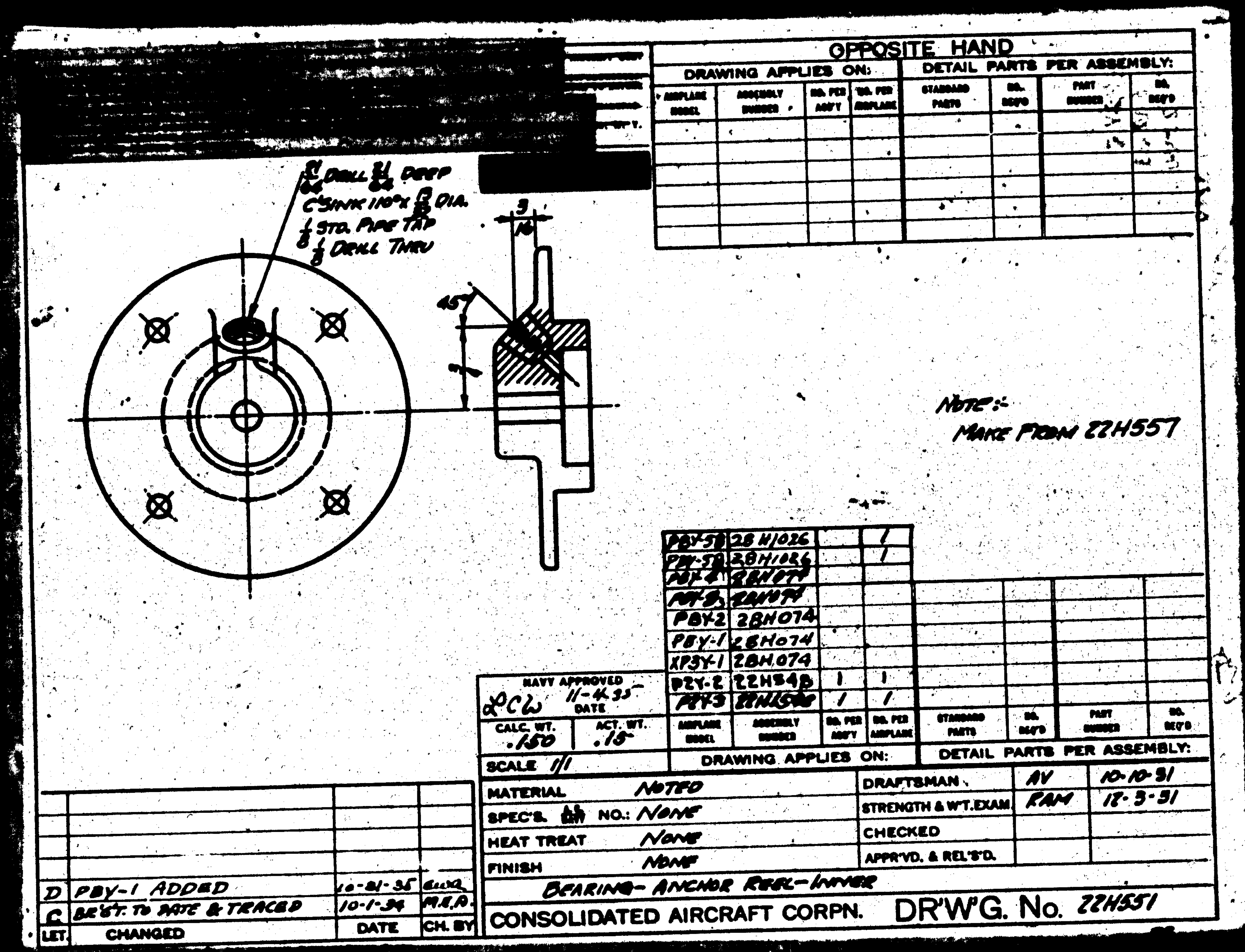
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22H530

LET.	CHANGED	DATE	CH. BY
H	3/8 R/D REPLACED 3/8 D. SS STL. BAR 46S18 GR. 7E WITH NOTED. ADDED MAT'L NOTE. NO WT CHG.	9-30-43	[illegible]
G	CHG TO GR. 7E	1-13-37	FB
F	PBY-1 ADDED	10-31-35	AWQ
E	BRGT. TO DATE & TRACED	10-1-34	M.E.A.

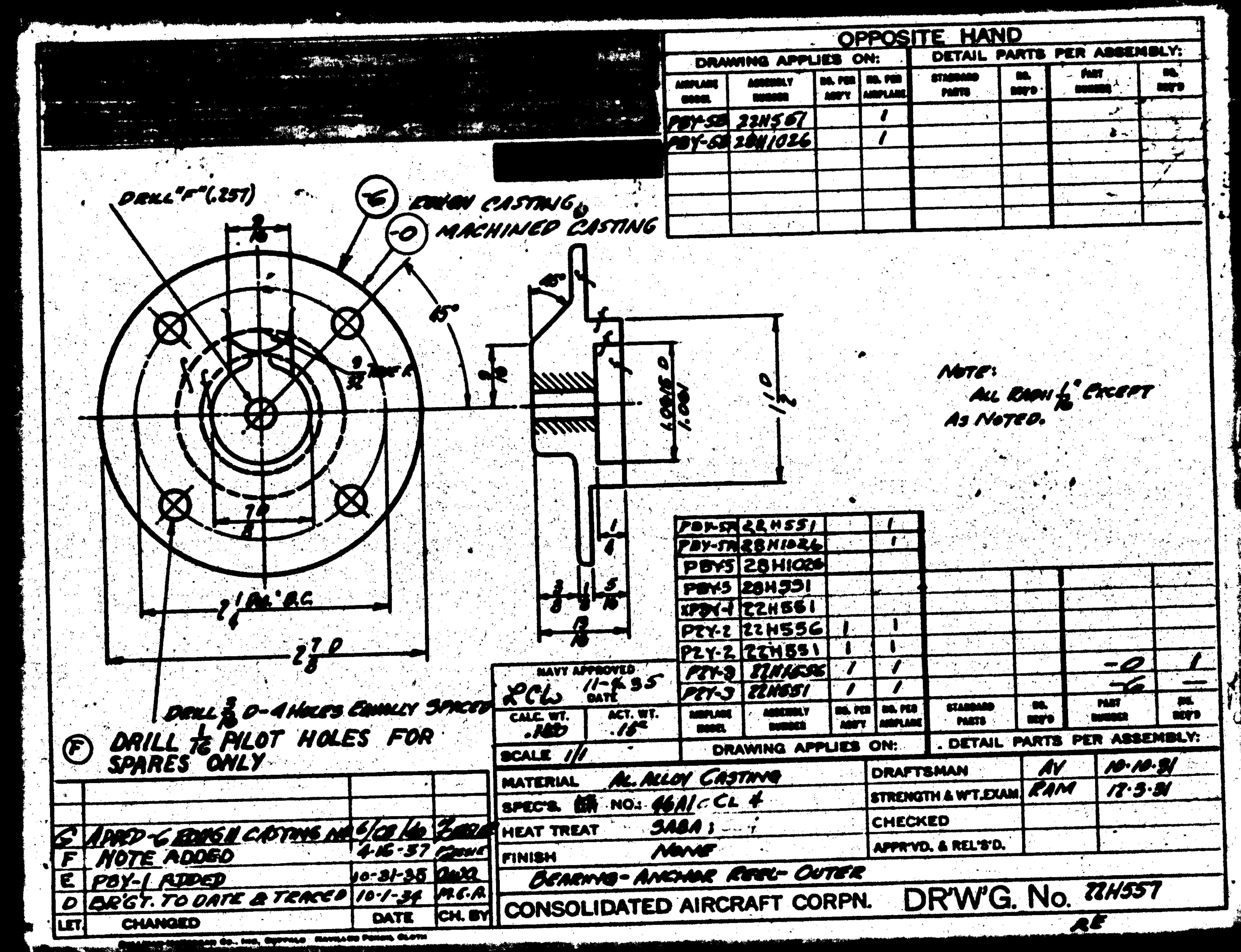
RE 22H530



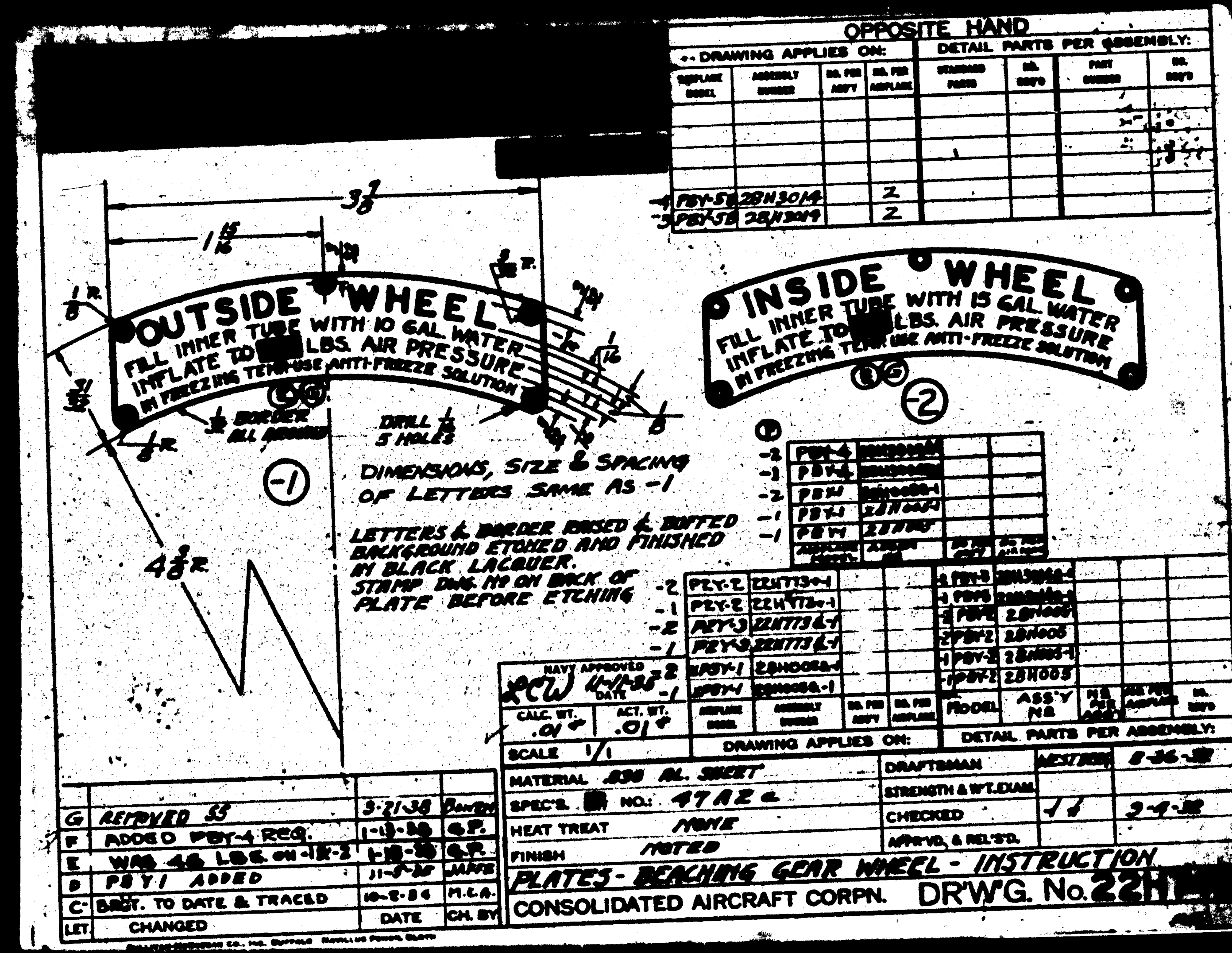
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
[redacted]
DRILL #55 (.052)
$\frac{5}{16}$ DRILL
$\frac{3}{8}$-16 NC-3 TAP
R.D. .3376 .3344
$\frac{11}{16}$
$\frac{5}{8}$
$\frac{3}{8}$
$\frac{5}{16}$
$\frac{1}{8}$
$\frac{1}{8}$
$1\frac{5}{8}$
$1\frac{15}{16}$
ALTERNATE MATERIAL MAY BE S-195 T6,
SPEC. AN-A-5 CL. II, 32000 P.S.I.
SEE RELEASE SHEET
PBY-5 28H1026 6
PBY-5A 28H1026 1
PBY-4 28H1026
PBY-3 28H1026
PBY-2 28H1026
PBY-1 28H1026
XP3Y-1 28H007
P2Y-2 22H524 1 1
P2Y-3 22H524 1 1
NAVY APPROVED
LCW 11-4-35 DATE
CALC. WT. .153
ACT. WT. .16
SCALE 1/1
MATERIAL AL. ALLOY CASTING
SPEC'S. NO.: AN-QQ-A-390 CL. I
HEAT TREAT 28,000 P.S.I.
FINISH Z-3 GP
DRAFTSMAN AV 11-7-31
STRENGTH & W'T. EXAM. RAM 12-1-31
CHECKED
APPR'VD. & REL'S'D.
KNOB-ANCHOR REEL-PAWL
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22H538
G REMOVED FLUTES 2-7-38
F ADDED END VIEW TO SHOW ADDITION OF FLUTES 2-1-38
E FINISH WAS Z-P ENGE 10-21-35
D PBY-1 ADDED 10-31-35
C BRGT. TO DATE & TRACED 10-1-34 M.E.A.
LET. CHANGED DATE CH. BY



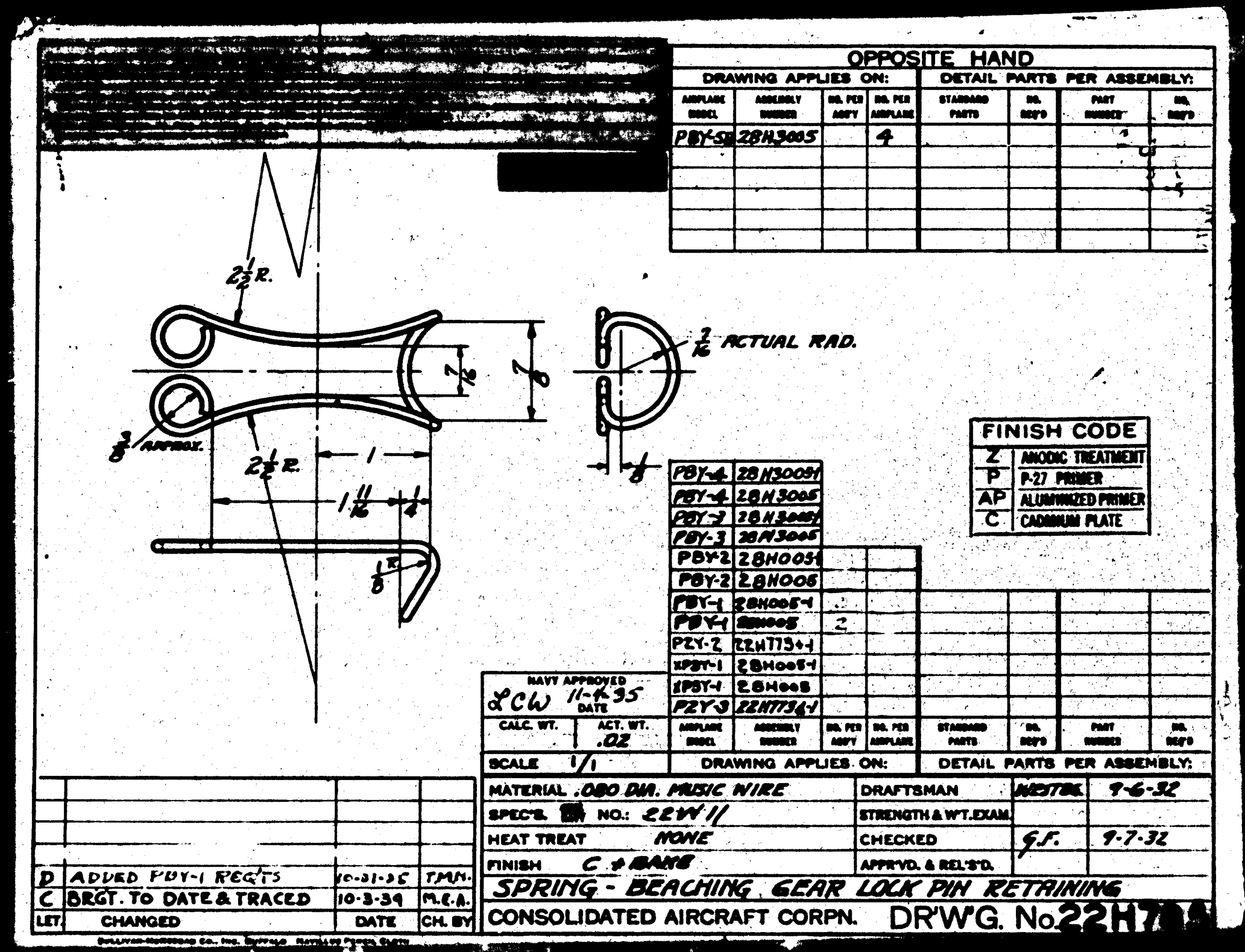
[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
21/64 DRILL 11/64 DEEP
C'SINK 110° x 13/32 DIA.
1/8 STD. PIPE TAP
1/8 DRILL THRU
3/16
45°
NOTE:-
MAKE FROM 22H557
PBY-5B 28H1026 1
PBY-5B 28H1026 1
PBY-4 28H074
PBY-3 28H074
PBY-2 28H074
PBY-1 28H074
XP3Y-1 28H074
P2Y-2 22H548 1 1
P2Y-3 22H548 1 1
NAVY APPROVED
LCW 11-14-35
DATE
CALC. WT. .150
ACT. WT. .15
SCALE 1/1
MATERIAL NOTED
SPEC'S. NO.: NONE
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN AV 10-10-31
STRENGTH & W'T.EXAM RAM 12-3-31
CHECKED
APPR'VD. & REL'S'D.
BEARING- ANCHOR REEL-INNER
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22H551
D PBY-1 ADDED 10-21-35
C REV'S'T. TO DATE & TRACED 10-1-34 M.E.A.
LET. CHANGED DATE CH. BY



[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
PBY-5B 22H551 1
PBY-5B 28H1026 1
DRILL "F" (.257)
ROUGH CASTING
-0 MACHINED CASTING
15°
45°
1.0015 D
1.001
1 1/2
NOTE:
ALL RADII 1/16" EXCEPT
AS NOTED.
7/8 D
2 1/4 DIA. B.C.
2 7/8 D
3/8
1/8
5/16
13/16
1/4
DRILL 3/16 D-4 HOLES EQUALLY SPACED
F DRILL 1/16 PILOT HOLES FOR
SPARES ONLY
PBY-5A 22H551 1
PBY-5A 28H1026 1
PBY-5 28H1026
PBY-5 28H551
XPBY-1 22H551
P2Y-2 22H556 1 1
P2Y-2 22H551 1 1
P2Y-3 22H556 1 1
P2Y-3 22H551 1 1
-0 1
-6 —
NAVY APPROVED
LCW 11-6-35
DATE
CALC. WT. .180
ACT. WT. .15
SCALE 1/1
MATERIAL AL. ALLOY CASTING
SPEC'S. NO.: 46A1 c CL 4
HEAT TREAT
FINISH NONE
DRAFTSMAN AV 10-10-31
STRENGTH & WT. EXAM. RAM 12-3-31
CHECKED
APPR'VD. & REL'S'D.
BEARING - ANCHOR REEL - OUTER
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22H557
G APR'D -6 ROUGH CASTING
F NOTE ADDED 4-16-37
E PBY-1 ADDED 10-31-35
D BR'GT. TO DATE & TRACED 10-1-34 M.G.A.
LET. CHANGED DATE CH. BY



[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
-4 PBY-5B 28H3014 2
-3 PBY-5B 28H3014 2
OUTSIDE WHEEL
FILL INNER TUBE WITH 10 GAL WATER
INFLATE TO [redacted] LBS. AIR PRESSURE
IN FREEZING TEMP. USE ANTI-FREEZE SOLUTION
INSIDE WHEEL
FILL INNER TUBE WITH 15 GAL. WATER
INFLATE TO [redacted] LBS. AIR PRESSURE
IN FREEZING TEMP USE ANTI-FREEZE SOLUTION
-1
-2
DRILL 5 HOLES
BORDER ALL AROUND
DIMENSIONS, SIZE & SPACING OF LETTERS SAME AS -1
LETTERS & BORDER RAISED & BUFFED BACKGROUND ETCHED AND FINISHED IN BLACK LACQUER.
STAMP DWG. NO ON BACK OF PLATE BEFORE ETCHING
-2 PBY-2 22H773-1
-1 PBY-2 22H773-1
-2 PBY-3 22H773&-1
-1 PBY-3 22H773&-1
-2 XPBY-1 28H005&-1
-1 XPBY-1 28H005&-1
-2 PBY-1 28H005-1
-1 PBY-1 28H005
-2 PBY-2 28H005
-1 PBY-2 28H005-1
-1 PBY-2 28H005
MODEL ASS'Y NO.
NAVY APPROVED
DATE
CALC. WT. .01#
ACT. WT. .01#
SCALE 1/1
MATERIAL .030 AL. SHEET
SPEC'S. [redacted] NO.: 47AZ
HEAT TREAT NONE
FINISH NOTED
DRAFTSMAN
STRENGTH & WT. EXAM.
CHECKED
APP'V'D. & REL'S'D.
G REMOVED 55 3-21-38
F ADDED PBY-4 REQ. 1-13-38 G.P.
E WAS 46 LBS. ON -1 & -2
D PBY1 ADDED 11-5-35
C BRGT. TO DATE & TRACED 10-8-34 M.L.A.
LET. CHANGED DATE CH. BY
PLATES - BEACHING GEAR WHEEL - INSTRUCTION
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22H[redacted]

[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
PBY-5
28H3005
4
2 1/2 R.
7/16 ACTUAL RAD.
7/16
7/8
3/8 APPROX.
2 1/2 R.
1
1 11/16
1/4
1/8
1/8 R.
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-4 28H3005-1
PBY-4 28H3005
PBY-3 28H3005-1
PBY-3 28H3005
PBY-2 28H005-1
PBY-2 28H005
PBY-1 28H005-1
PBY-1 28H005 2
P2Y-2 22H773-1
XPBY-1 28H005-1
XPBY-1 28H005
P2Y-3 22H773-1
NAVY APPROVED
LCW 11-4-35
DATE
CALC. WT.
ACT. WT. .02
SCALE 1/1
MATERIAL .080 DIA. MUSIC WIRE
SPEC'S. NO.: 22W11
HEAT TREAT NONE
FINISH C + BAKE
DRAFTSMAN 9-6-32
STRENGTH & WT. EXAM.
CHECKED G.F. 9-7-32
APPR'VD. & REL'S'D.
D ADDED PBY-1 REQ'TS 10-31-35 T.M.N.
C BRGT. TO DATE & TRACED 10-3-39 M.E.A.
LET. CHANGED DATE CH. BY
SPRING - BEACHING GEAR LOCK PIN RETAINING
CONSOLIDATED AIRCRAFT CORPN.
DR'WG. No 22H7

[redacted]

[redacted]

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5B	28H3005		8				

#10 (.194) DRILL THRU

1/4

1/2

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

BL-BLACK LACQUER

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-4	28H3005-1						
PBY-4	28H3005						
PBY-3	28H3005-1						
PBY-3	28H3005						
PBY-2	28H005-1						
PBY-2	28H005						
PBY-1	28H005-1						
PBY-1	28H005						
P2Y-2	22H773-1						
XPBY-1	28H005-1						
XPBY-1	28H005						
P2Y-3	22H773-1						
P2Y-3	22H773						
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			

NAVY APPROVED LCW 11-4-35 DATE

CALC. WT. | ACT. WT. .021#

SCALE 1/1

MATERIAL	3/8 OD. x .058 CR. MOLYB. STL. TUBE	DRAFTSMAN	9-6-32 WESTBERG
SPEC'S.	NO.: 44 T 18c	STRENGTH & WT. EXAM.	
HEAT TREAT	NONE	CHECKED	9-6-32 G.F.
FINISH	C-ZP-1BL	APPR'VD. & REL'S'D.	

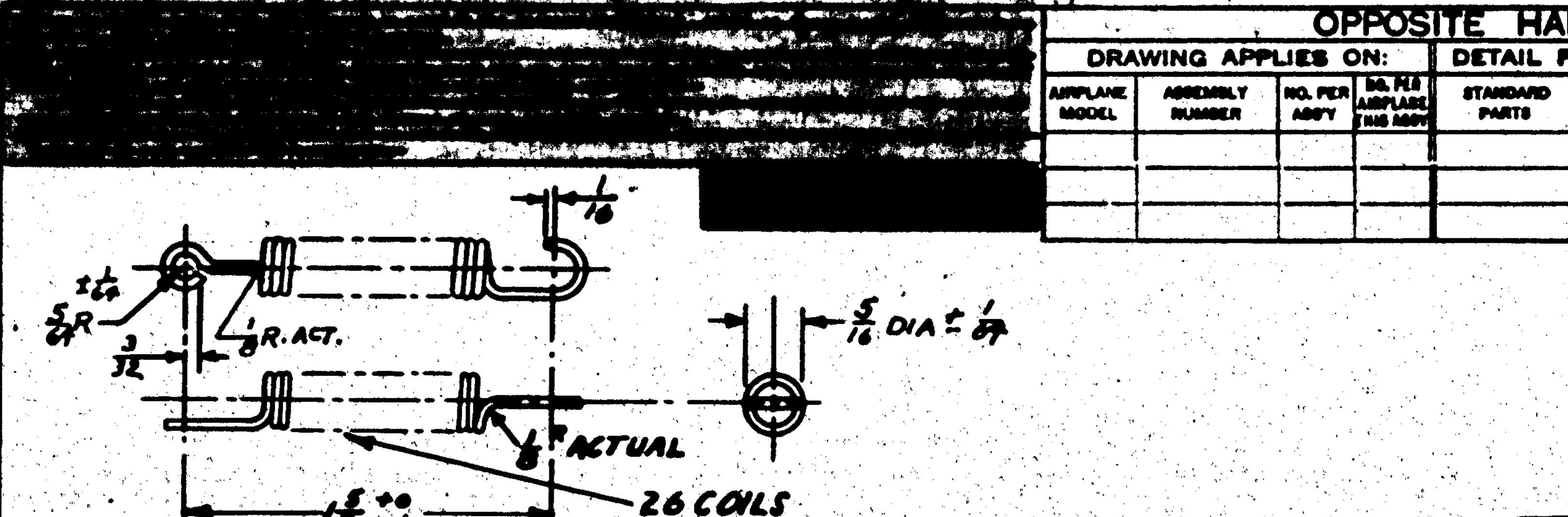
COLLAR (HULL) BEACHING GEAR LOCKING PIN

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22H7[illegible]

LET.	CHANGED	DATE	CH. BY
E	ADDED PBY-1 REQ'TS	10-31-35	T.M.H.
D	BR'GT. TO DATE & TRACED	10-3-34	M.E.A.

[redacted]

OPPOSITE HAND							
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE THIS ASS'Y	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE THIS ASS'Y	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5A	28H1026		2				
PBY-5A	28A2008		1				
PBY-5A	28H1026		2				
PB2Y-2	29H1030	1					
PBY-4	[illegible]						
PBY-3	[illegible]						
PBY-2	28H1026						
[illegible]	[illegible]	1					
[illegible]	[illegible]						
PBY-1	28H1524	1	1				
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			

LCW 11-4-35

WT. 007

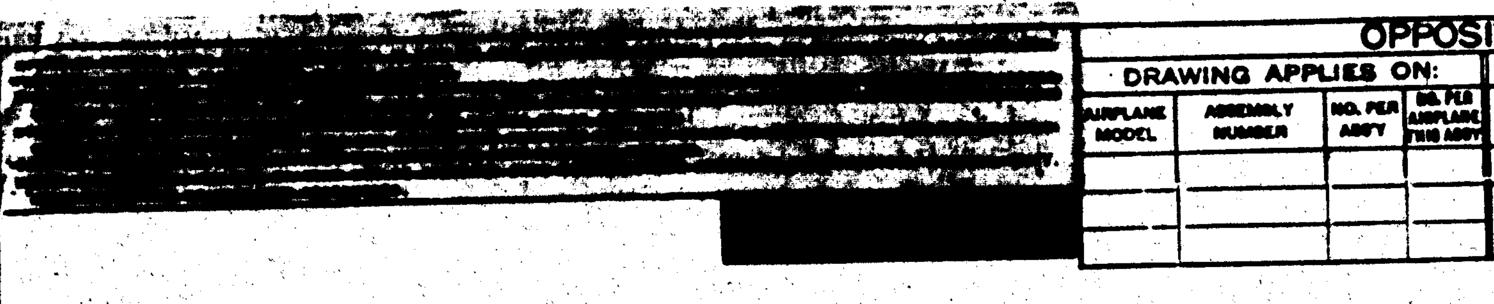
SCALE: 12" = 1 FT.

LET.	CHANGED	DATE	CH. BY
E	PB2Y-2 REQ'MTS ADDED	8-29-39	[illegible]
D	PBY-1 RQ'D. ADDED	5-25-36	[illegible]
C	FINISH WAS PARKERIZE	10-31-35	[illegible]
B	PBY-1 ADDED	10-31-35	[illegible]
A	BR'G'T. TO DATE & TRACED	2-1-35	F.D.T.

MATERIAL [illegible] SPRING TEMPER	DRAFTSMAN	LENDL	2-28-34
SPEC'S. NAVY NO.: 22W11	STRENGTH & W'T. EXAM.		
HEAT TREAT: NONE	CHECKED	[illegible]	2-28-35
FINISH C + BAKE	APPR'VD. & REL'S'D.		

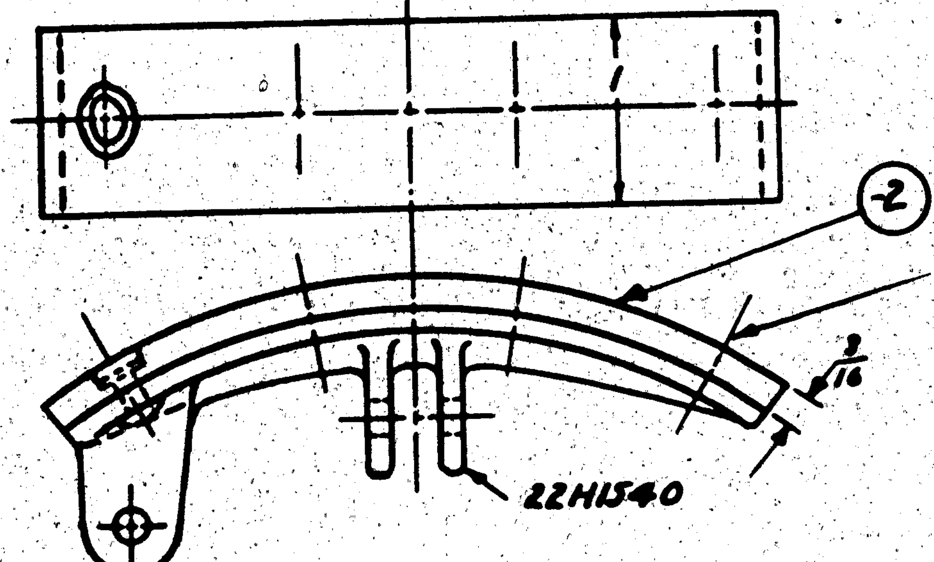
SPRING - ANCHOR REEL BRAKE

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22H1214


[redacted]

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE THIS ASS'Y	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D



LCL 11-4-35

WT. .084

SCALE 12" = 1'-0"

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE THIS ASS'Y	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5B	28H1026		1				
PBY-5A	28H1026		1				
~~PBY-4~~	~~28H007~~						
PBY-3	28H007	1				AN442-D4	4
PBY-2	28H007	1					
PBY-1	28H007	1				22H1540	1
P2Y-3	22H1524	1	1			22H1539-2	1

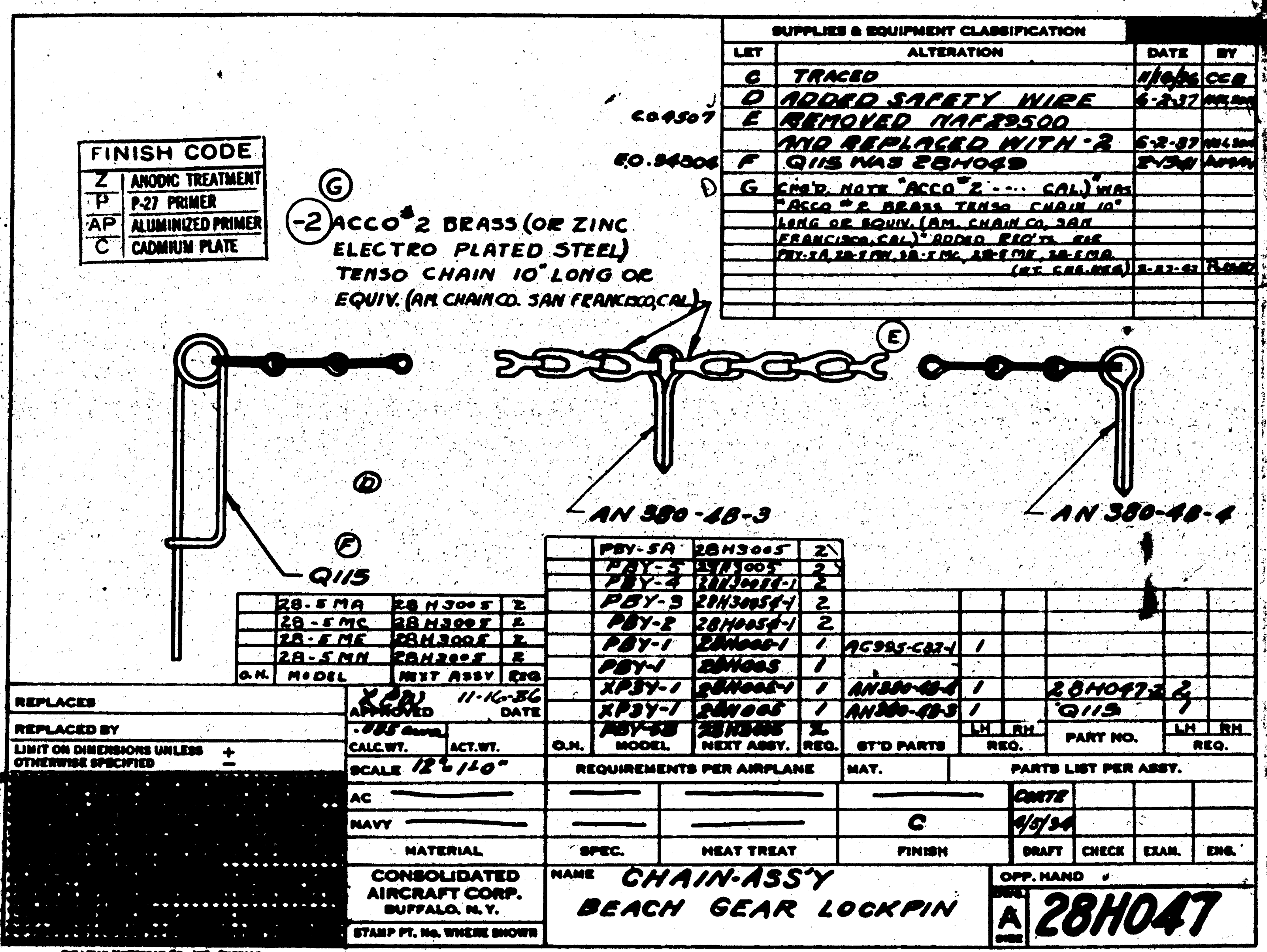
DRAWING APPLIES ON: | DETAIL PARTS PER ASSEMBLY:

LET.	CHANGED	DATE	CH. BY
C	RIVETS WERE C'SINK	2-22-37	NELSON
B	PBY-1 ADDED	10-31-35	[illegible]
A	BR'G'T. TO DATE & TRACED	2-4-35	F.D.T.

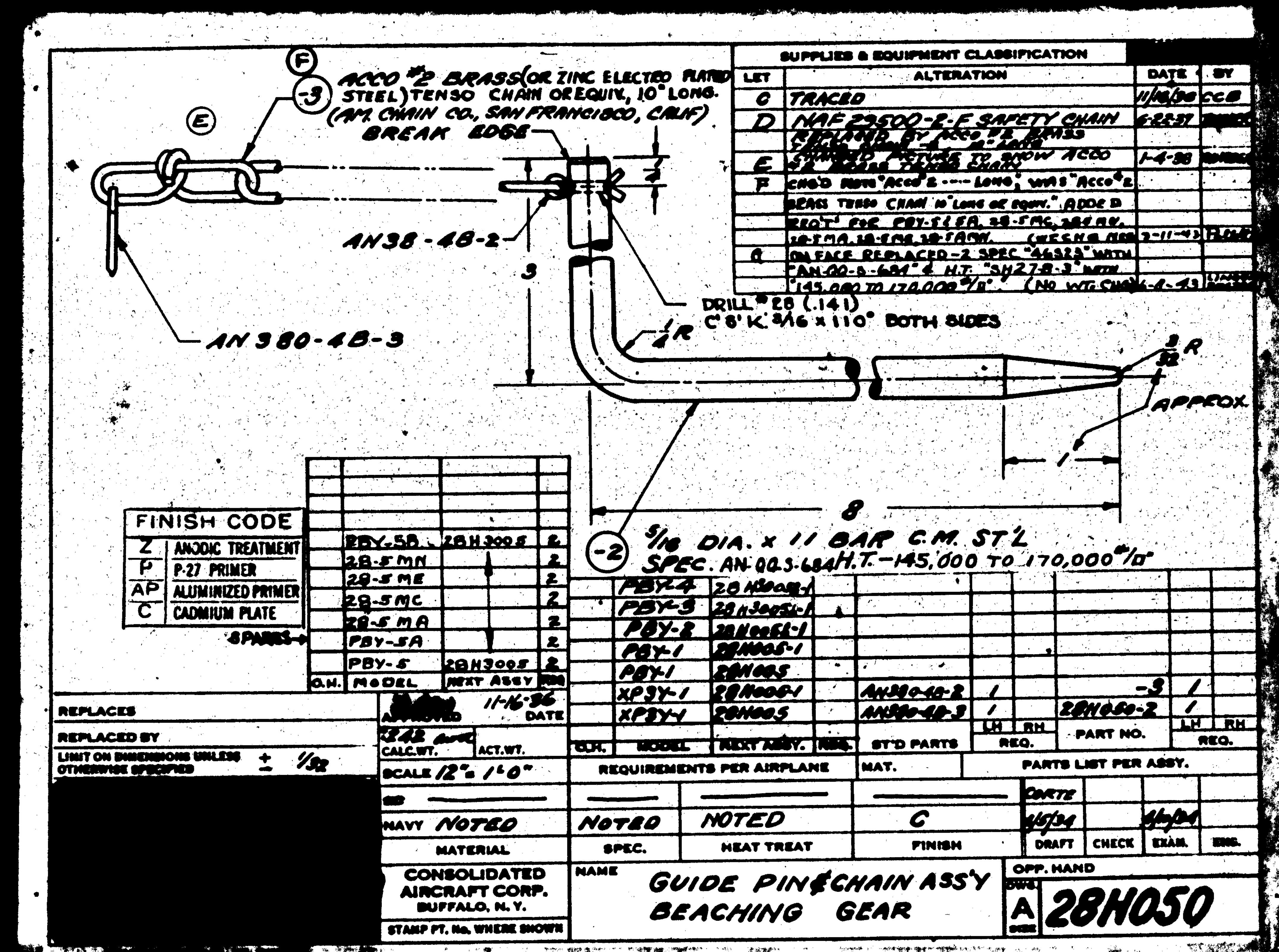
MATERIAL NOTED	DRAFTSMAN	F.D.T.	2-4-35
SPEC'S. NAVY NO.: NONE	STRENGTH & W'T. EXAM.		
HEAT TREAT NONE	CHECKED	[illegible]	2-22-35
FINISH NONE	APPR'VD. & REL'S'D.		

SHOE-ANCHOR REEL BRAKE - ASS'Y.

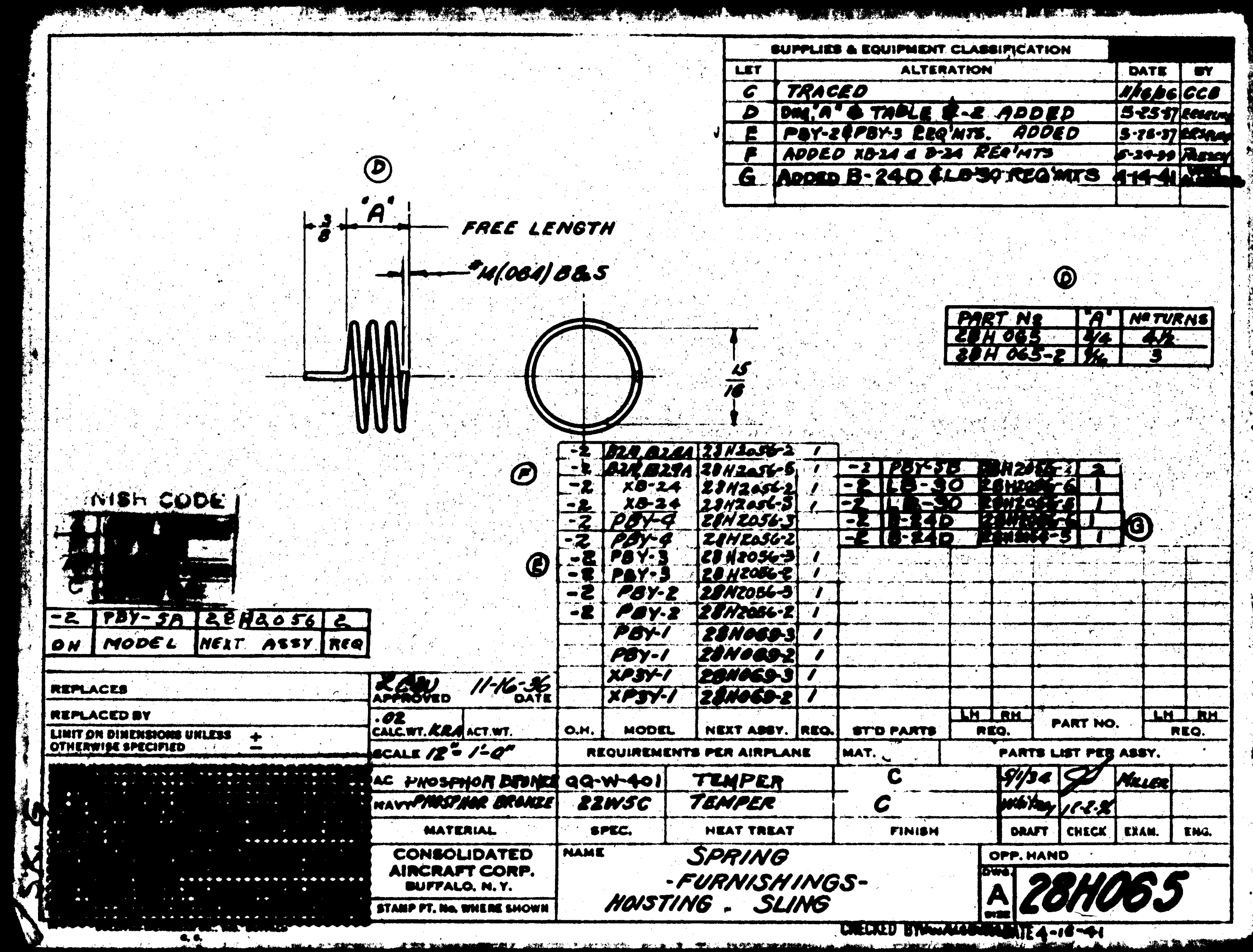
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22H1539



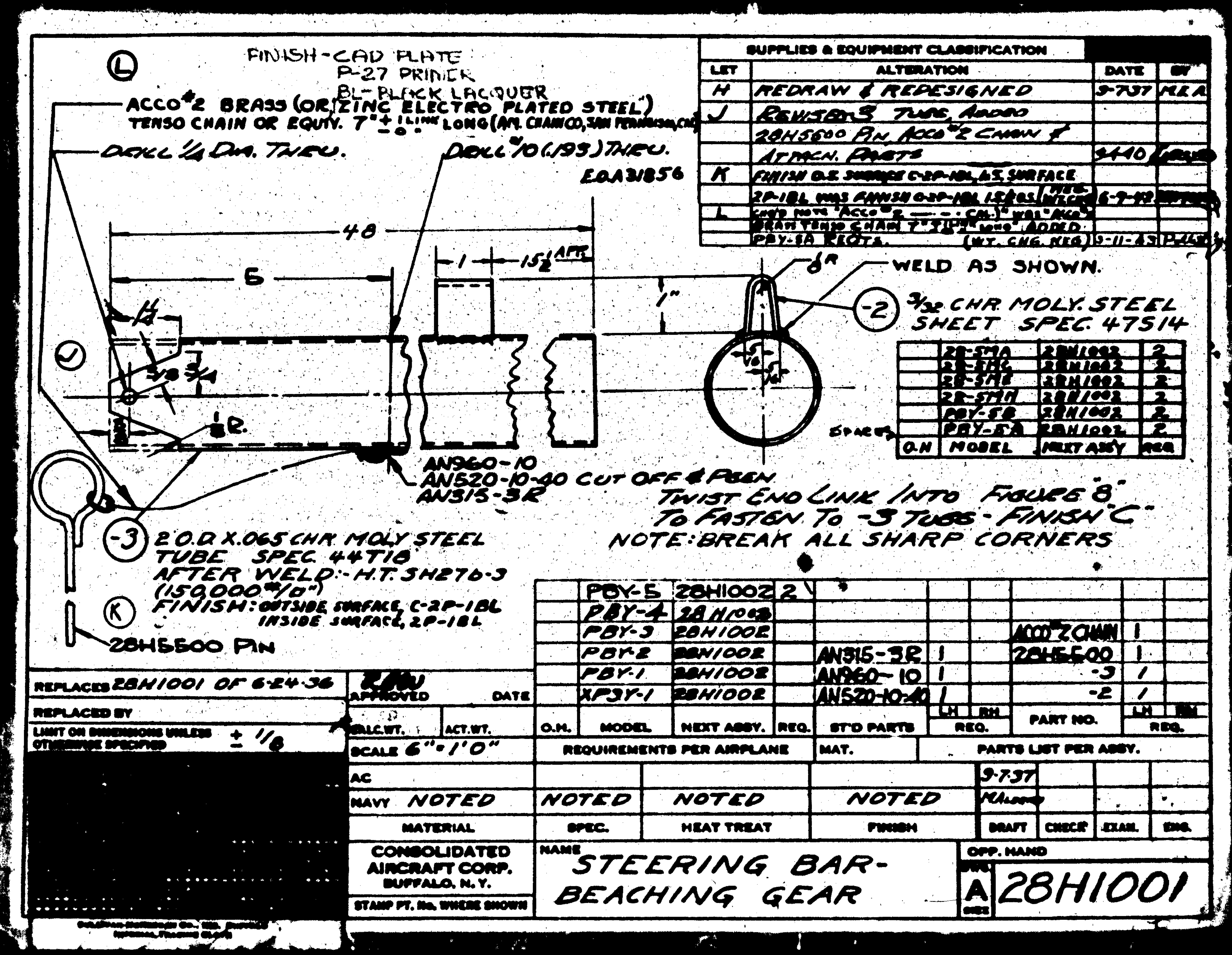
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C TRACED
D ADDED SAFETY WIRE 6-2-37
E REMOVED NAF29500
AND REPLACED WITH -2 6-2-37
F Q115 WAS 28H049
G CHG'D NOTE "ACCO #2 --- CAL)" WAS
"ACCO #2 BRASS TENSO CHAIN 10"
LONG OR EQUIV. (AM. CHAIN CO. SAN
FRANCISCO, CAL.)" ADDED REQ'TS FOR
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
-2 ACCO #2 BRASS (OR ZINC ELECTRO PLATED STEEL) TENSO CHAIN 10" LONG OR EQUIV. (AM. CHAIN CO. SAN FRANCISCO, CAL.)
AN 380-4B-3
AN 380-4B-4
Q115
28-5MA 28H3005 2
28-5MC 28H3005 2
28-5ME 28H3005 2
28-5MN 28H3005 2
O.N. MODEL NEXT ASSY REQ
PBY-5A 28H3005 2
PBY-5 28H3005 2
PBY-4
PBY-3 2
PBY-2 2
PBY-1 1 AC995-C82-1 1
PBY-1 28H005 1
XP3Y-1 1 28H047-2 2
XP3Y-1 28H005 1 Q115 1
O.N. MODEL NEXT ASSY. REQ. ST'D PARTS REQ. LH RH PART NO. REQ. LH RH
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −
APPROVED 11-16-36 DATE
CALC. WT. ACT. WT.
SCALE 12" = 1-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
C
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME CHAIN-ASS'Y BEACH GEAR LOCKPIN
OPP. HAND
A 28H047



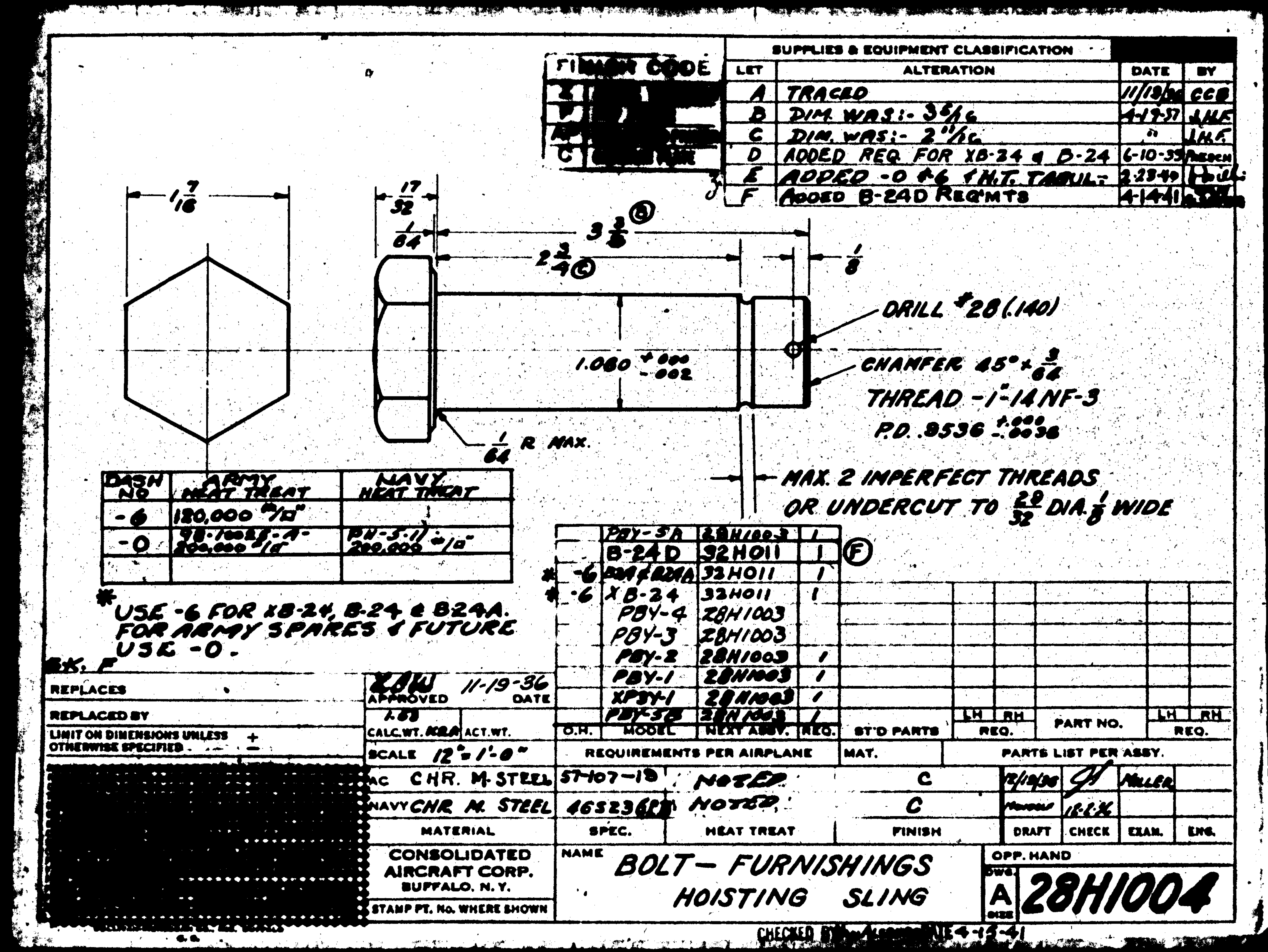
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C TRACED 11/16/36 CCB
D NAF 29500-2-F SAFETY CHAIN REPLACED BY ACCO #2 BRASS 6-22-37
E CHANGED PICTURE TO SHOW ACCO #2 BRASS TENSO CHAIN 1-4-38
F CHG'D NOTE "ACCO #2 ---- LONG", WAS "ACCO #2 BRASS TENSO CHAIN 10" LONG OR EQUIV." ADDED REQT' FOR PBY-5 & 5A, 28-5MC, 28-5ME, 28-5MA, 28-5MN, 28-5ARN. 3-11-41
G ON FACE REPLACED -2 SPEC "46S23" WITH "AN-QQ-S-684" & H.T. "SH27B-3" WITH "145,000 TO 170,000 #/□" (NO WT. CHG) 6-8-43
F
-3
ACCO #2 BRASS (OR ZINC ELECTED PLATED STEEL) TENSO CHAIN OR EQUIV., 10" LONG. (AM. CHAIN CO., SAN FRANCISCO, CALIF)
E
BREAK EDGE
AN38-4B-2
AN380-4B-3
3
DRILL #28 (.141)
C'S'K 3/16 x 110° BOTH SIDES
1/4 R
3/32 R
APPROX.
1
8
-2
5/16 DIA. x 11 BAR C.M. ST'L
SPEC. AN-QQ-S-684 H.T.-145,000 TO 170,000 #/□
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
SPARES
PBY-5B 28H3005 2
28-5MN 2
28-5ME 2
28-5MC 2
28-5MA 2
PBY-5A 2
PBY-5 28H3005 2
O.H. MODEL NEXT ASSY REQ
PBY-4 28H3005-1
PBY-3 28H3005-1
PBY-2 28H005-1
PBY-1 28H005-1
PBY-1 28H005
XP3Y-1 28H005-1 AN380-4B-2 1 -3 1
XP3Y-1 28H005 AN380-4B-3 1 28H050-2 1
LH RH LH RH
O.H. MODEL NEXT ASSY. REQ. STD PARTS REQ. PART NO. REQ.
REQUIREMENTS PER AIRPLANE MAT. PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED 11-16-36 DATE
.342 avoir CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
NAVY NOTED NOTED NOTED C
MATERIAL SPEC. HEAT TREAT FINISH
CORTE 4/6/34 4/7/34
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME GUIDE PIN & CHAIN ASS'Y BEACHING GEAR
OPP. HAND
DWG. SIZE A 28H050



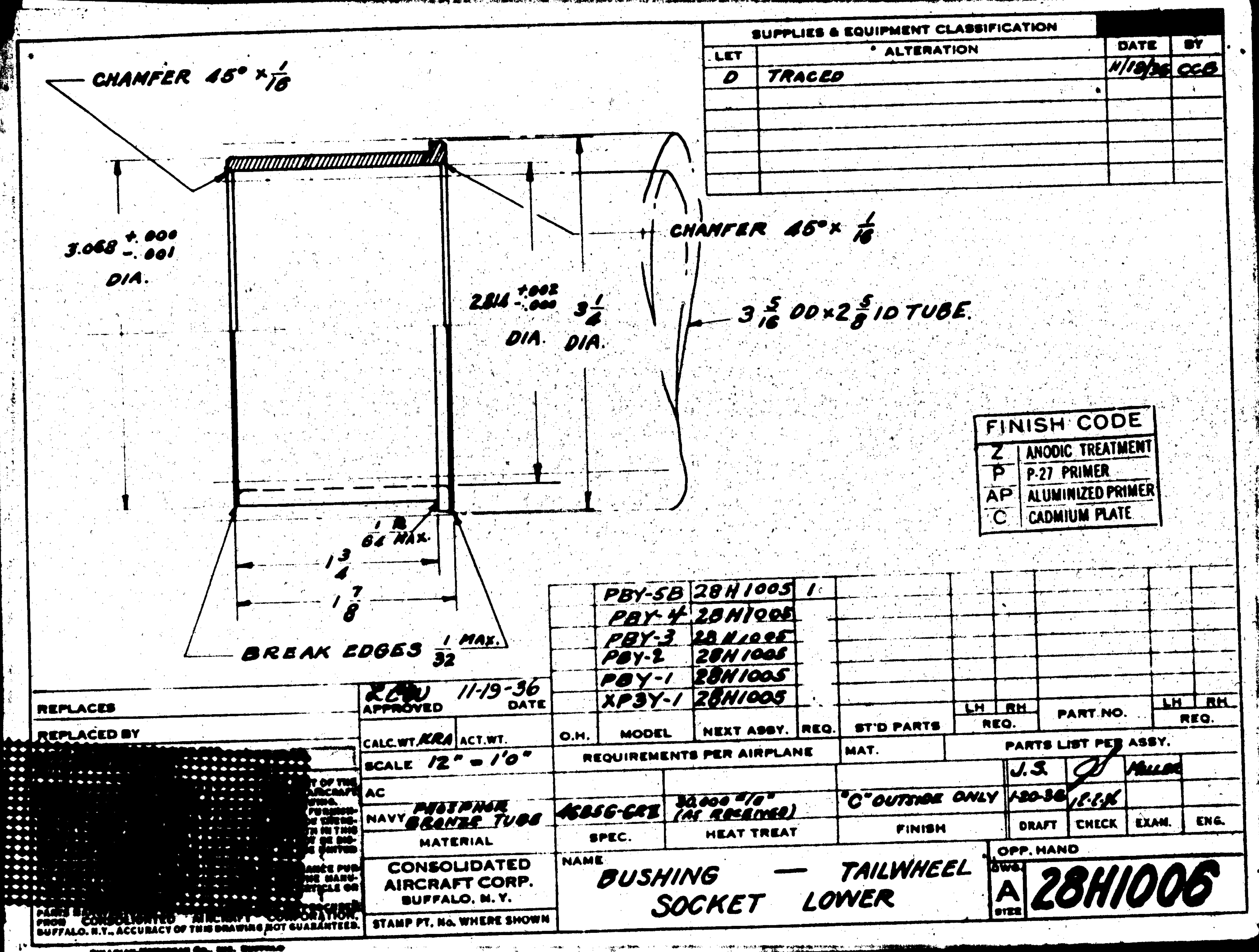
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C TRACED 11/6/36 GCB
D DIM. "A" & TABLE -2 ADDED 5-25-37
E PBY-2 & PBY-3 REQ'MTS. ADDED 5-25-37
F ADDED XB-24 & B-24 REQ'MTS
G ADDED B-24D & LB-30 REQ'MTS 4-14-41
FREE LENGTH
"A"
3/8
#14(.064) B&S
15/16
PART No | "A" | No TURNS
28H065 | 1/4 | 4 1/2
28H065-2 | 5/16 | 3
-2 PBY-5A 28H2056 2
OH MODEL NEXT ASSY REQ
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED 11-16-36 DATE
.02 CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
O.H. MODEL NEXT ASSY. REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS
PART NO.
LH RH REQ.
MAT.
PARTS LIST PER ASSY.
AC PHOSPHOR BRONZE QQ-W-401 TEMPER C
NAVY PHOSPHOR BRONZE 22W5C TEMPER C
MATERIAL SPEC. HEAT TREAT FINISH
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME SPRING -FURNISHINGS- HOISTING - SLING
OPP. HAND
DWG. A 28H065



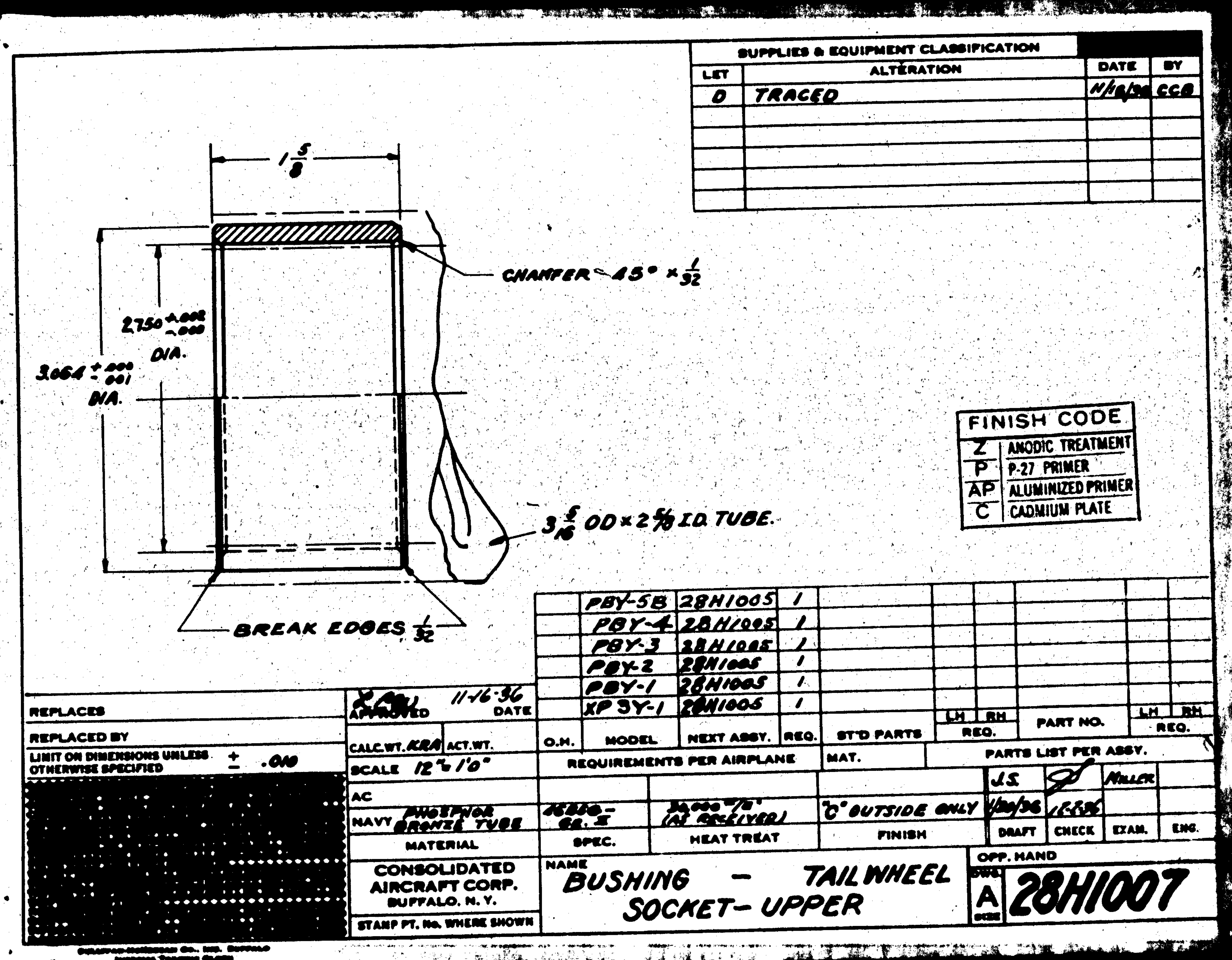
FINISH-CAD PLATE
P-27 PRIMER
BL-BLACK LACQUER
ACCO #2 BRASS (OR ZINC ELECTRO PLATED STEEL)
TENSO CHAIN OR EQUIV.
DRILL 1/4 DIA. THRU.
DRILL #10 (.193) THRU.
EDA31856
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
H
REDRAW & REDESIGNED
9-7-37
J
REVISED -3 TUBE, ADDED
28H5600 PIN, ACCO #2 CHAIN &
ATTACH. PARTS
K
FINISH O.S. SURFACE C-2P-1BL, I.S. SURFACE
2P-1BL
L
PBY-5A REQTS.
48
6
1
1"
WELD AS SHOWN.
-2
3/32 CHR. MOLY. STEEL
SHEET SPEC. 47S14
28-5MA
28H1002
2
28-5MC
28H1002
2
28-5ME
28H1002
2
28-5MH
28H1002
2
PBY-5B
28H1002
2
PBY-5A
28H1002
2
O.N.
MODEL
NEXT ASSY
REQ.
AN960-10
AN520-10-40 CUT OFF & PEEN
AN315-3R
TWIST END LINK INTO FIGURE "8"
TO FASTEN TO -3 TUBE - FINISH "C"
NOTE: BREAK ALL SHARP CORNERS
-3
2 O.D. X .065 CHR. MOLY STEEL
TUBE SPEC. 44T18
AFTER WELD:- H.T. 3H276-3
(150,000#/□")
FINISH: OUTSIDE SURFACE, C-2P-1BL
INSIDE SURFACE, 2P-1BL
28H5500 PIN
PBY-5
28H1002
2
PBY-4
28H1002
PBY-3
28H1002
PBY-2
28H1002
PBY-1
28H1002
XP3Y-1
28H1002
AN315-3R
1
AN960-10
1
AN520-10-40
1
ACCO #2 CHAIN
1
28H5500
1
-3
1
-2
1
REPLACES 28H1001 OF 6-24-36
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/8
APPROVED
DATE
CALC. WT.
ACT. WT.
O.N.
MODEL
NEXT ASSY.
REQ.
STD PARTS
REQ.
PART NO.
REQ.
SCALE 6" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
NOTED
NOTED
NOTED
NOTED
9-7-37
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
STEERING BAR-
BEACHING GEAR
OPP. HAND
A
28H1001

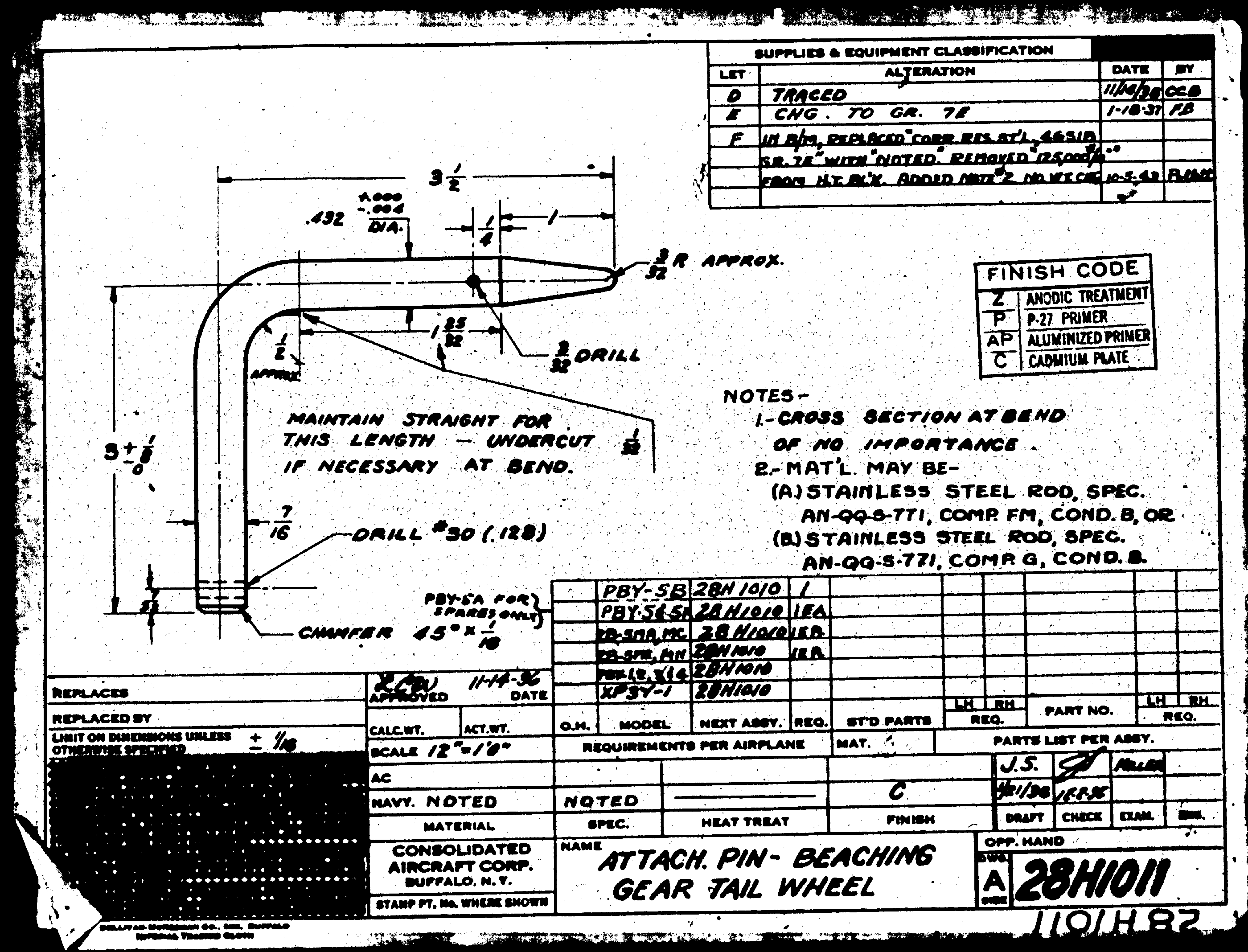


FI[redacted]CODE
[redacted]
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A TRACED 11/18/36
B DIM. WAS:- 3 5/16 4-19-37
C DIM. WAS:- 2 11/16
D ADDED REQ FOR XB-24 & B-24 6-10-39
E ADDED -0 & -6 & H.T. TABUL: 2-23-40
F ADDED B-24D REQ'MTS 4-14-41
1 7/16
17/32
1/64
3 3/8 (B)
2 3/4 (C)
1/8
DRILL #28 (.140)
1.060 +.000 -.002
CHAMFER 45° x 3/64
THREAD -1"-14NF-3
P.D. .9536 +.000 -.0036
1/64 R MAX.
MAX. 2 IMPERFECT THREADS
OR UNDERCUT TO 29/32 DIA. 1/8 WIDE
DASH NO | ARMY HEAT TREAT | NAVY HEAT TREAT
-6 | 120,000 #/□"
-0 | 95-100ES-A- 200,000 #/□" | PH-3-11 200,000 #/□"
PBY-5A 28H1003 1
B-24D 32H011 1 (F)
* -6 B24 & B24A 32H011 1
* -6 XB-24 32H011 1
PBY-4 28H1003
PBY-3 28H1003
PBY-2 28H1003 1
PBY-1 28H1003 1
XP3Y-1 28H1003 1
PBY-5B 28H1003 1
* USE -6 FOR XB-24, B-24 & B24A.
FOR ARMY SPARES & FUTURE
USE -0.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .
APPROVED 11-19-36 DATE
CALC.WT. ACT.WT.
SCALE 12" = 1'-0"
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC CHR. M. STEEL 57-107-19 NOTED C
NAVY CHR. M. STEEL 46S23 NOTED C
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME BOLT- FURNISHINGS HOISTING SLING
OPP. HAND
DWG. SIZE A 28H1004
[redacted]
CHECKED BY 4-15-41

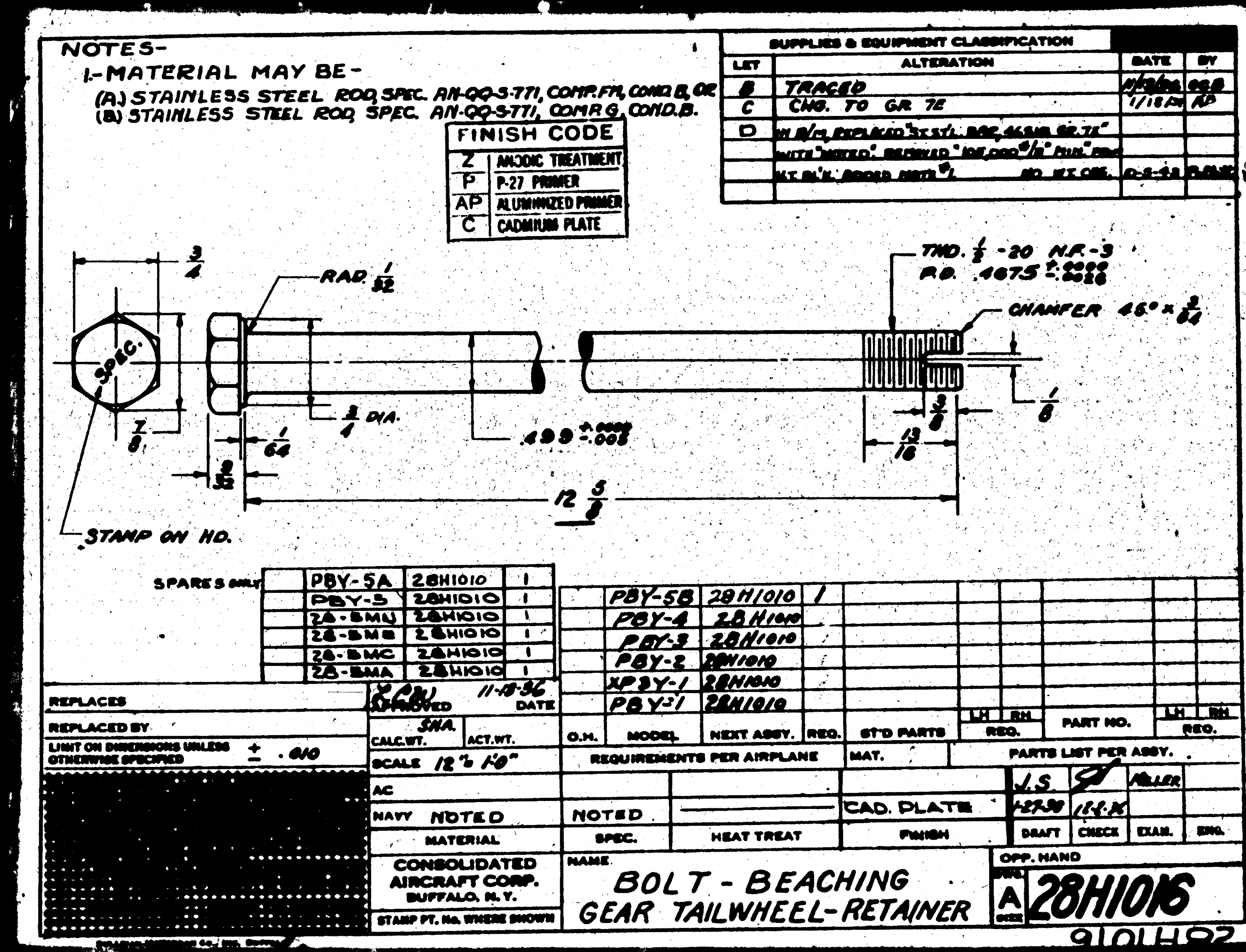


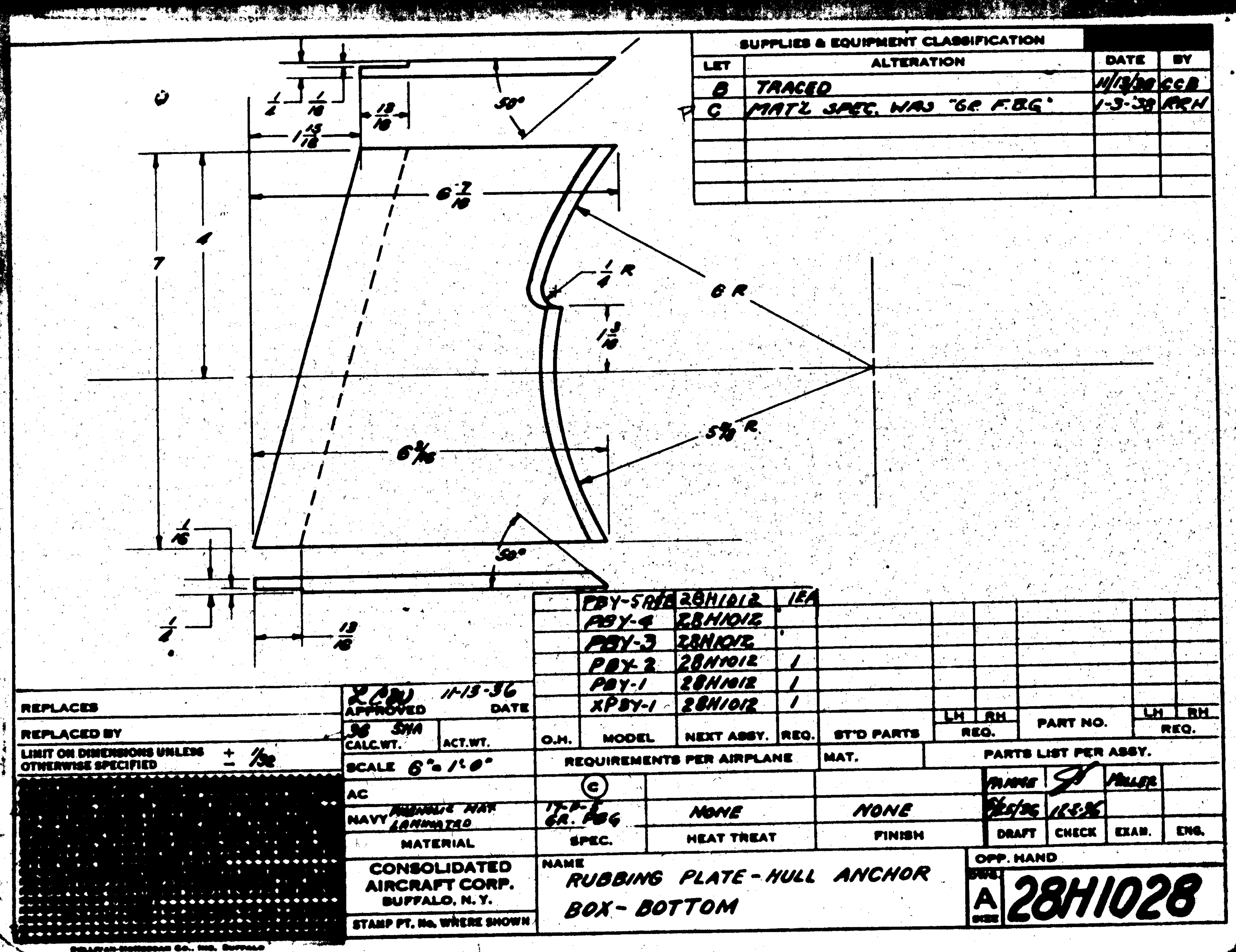
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
D
TRACED
11/18/36
CCB
CHAMFER 45° × 1/16
3.068 +.000 -.001 DIA.
2.816 +.002 -.000 DIA.
3 1/4 DIA.
CHAMFER 45° × 1/16
3 5/16 OD × 2 5/8 ID TUBE.
1/64 R MAX.
1 3/4
1 7/8
BREAK EDGES 1/32 MAX.
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5B 28H1005 1
PBY-4 28H1005
PBY-3 28H1005
PBY-2 28H1005
PBY-1 28H1005
XP3Y-1 28H1005
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
11-19-36
APPROVED
DATE
REPLACES
REPLACED BY
[redacted]
FROM CONSOLIDATED AIRCRAFT CORPORATION. BUFFALO, N.Y., ACCURACY OF THIS DRAWING NOT GUARANTEED.
CALC. WT. KRA
ACT. WT.
SCALE 12" = 1'0"
AC
NAVY
PHOSPHOR BRONZE TUBE
MATERIAL
46B56-GR2
SPEC.
30,000 #/□" (AS RECEIVED)
HEAT TREAT
"C" OUTSIDE ONLY
FINISH
J.S.
1-20-36
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
BUSHING — TAILWHEEL SOCKET LOWER
DWG. SIZE A
28H1006


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
D
TRACED
CCB
1 5/8
CHAMFER 45° × 1/32
2.750 +.002 -.000 DIA.
3.064 +.000 -.001 DIA.
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
3 5/16 OD × 2 5/8 I.D. TUBE.
BREAK EDGES 1/32
PBY-5B 28H1005 1
PBY-4 28H1005 1
PBY-3 28H1005 1
PBY-2 28H1005 1
PBY-1 28H1005 1
XP3Y-1 28H1005 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
11-16-36
DATE
CALC.WT.
ACT.WT.
SCALE 12" = 1'0"
AC
NAVY PHOSPHOR BRONZE TUBE
MATERIAL
SPEC.
HEAT TREAT
(AS RECEIVED)
"C" OUTSIDE ONLY
FINISH
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
J.S.
MILLER
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
BUSHING - TAILWHEEL SOCKET - UPPER
A
SIZE
28H1007

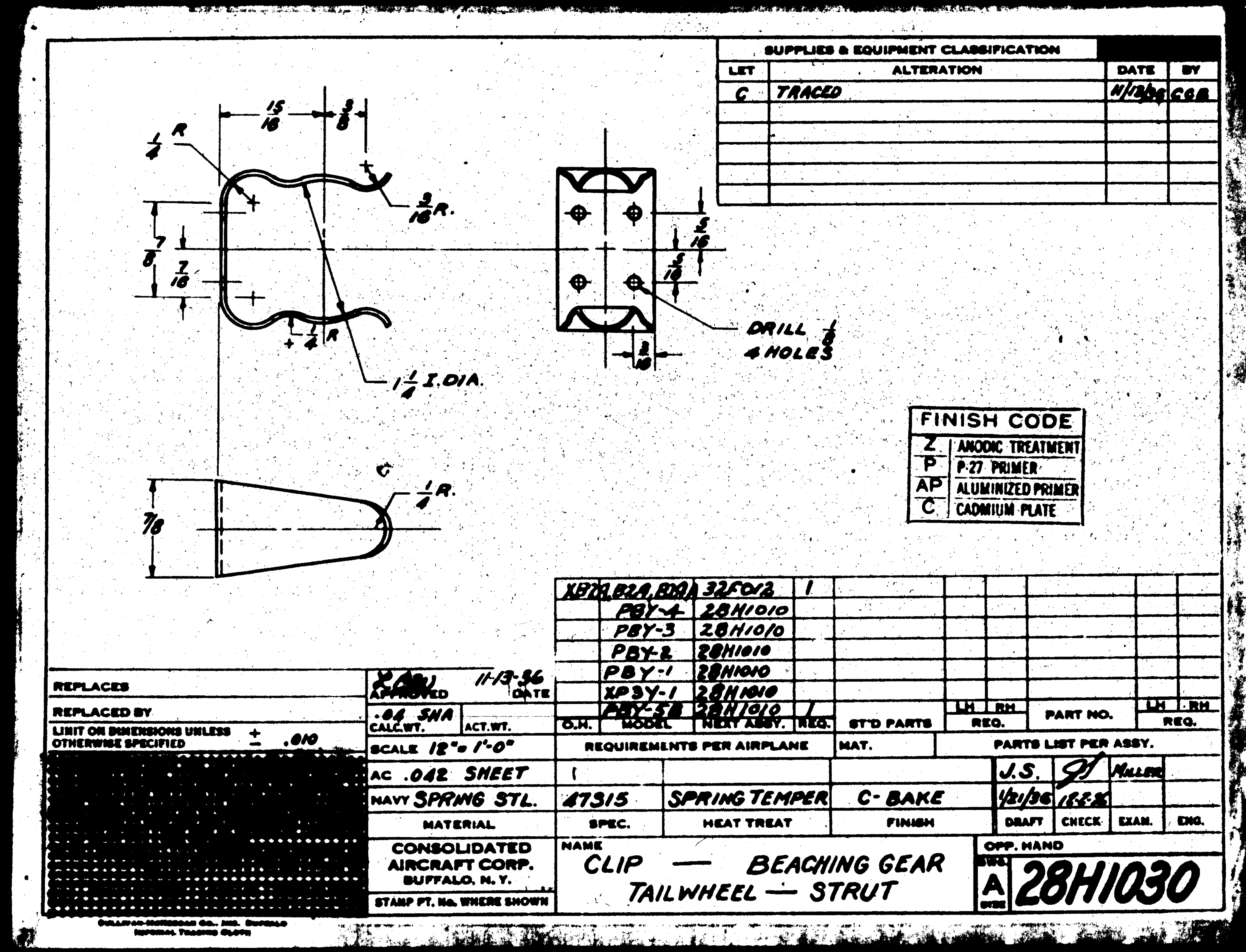


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
D
TRACED
CHG. TO GR. 7E
1-18-37
FB
F
IN B/M, REPLACED "CORR. RES. ST'L. 4631B GR. 7E" WITH "NOTED". REMOVED "125000" FROM H.T. BL'K. ADDED NOTE 2. NO WT CHG
3 1/2
.432
DIA.
1/4
1
3/32 R APPROX.
FINISH CODE
Z
ANODIC TREATMENT
P
P-27 PRIMER
AP
ALUMINIZED PRIMER
C
CADMIUM PLATE
1 25/32
1/2
APPROX.
3/32 DRILL
NOTES-
1.-CROSS SECTION AT BEND OF NO IMPORTANCE.
2.-MAT'L. MAY BE-
(A) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. B.
MAINTAIN STRAIGHT FOR THIS LENGTH - UNDERCUT 1/32 IF NECESSARY AT BEND.
7/16
DRILL #30 (.128)
PBY-5A FOR SPARES ONLY
CHAMFER 45° x 1/16
PBY-5B
28H1010
1
28H1010
1EA
XP3Y-1
28H1010
REPLACES
REPLACED BY
APPROVED
11-14-36
DATE
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/16
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
J.S.
NAVY. NOTED
NOTED
C
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
ATTACH. PIN - BEACHING GEAR TAIL WHEEL
OPP. HAND
DWG. SIZE A
28H1011
STAMP PT. No. WHERE SHOWN
28H1011

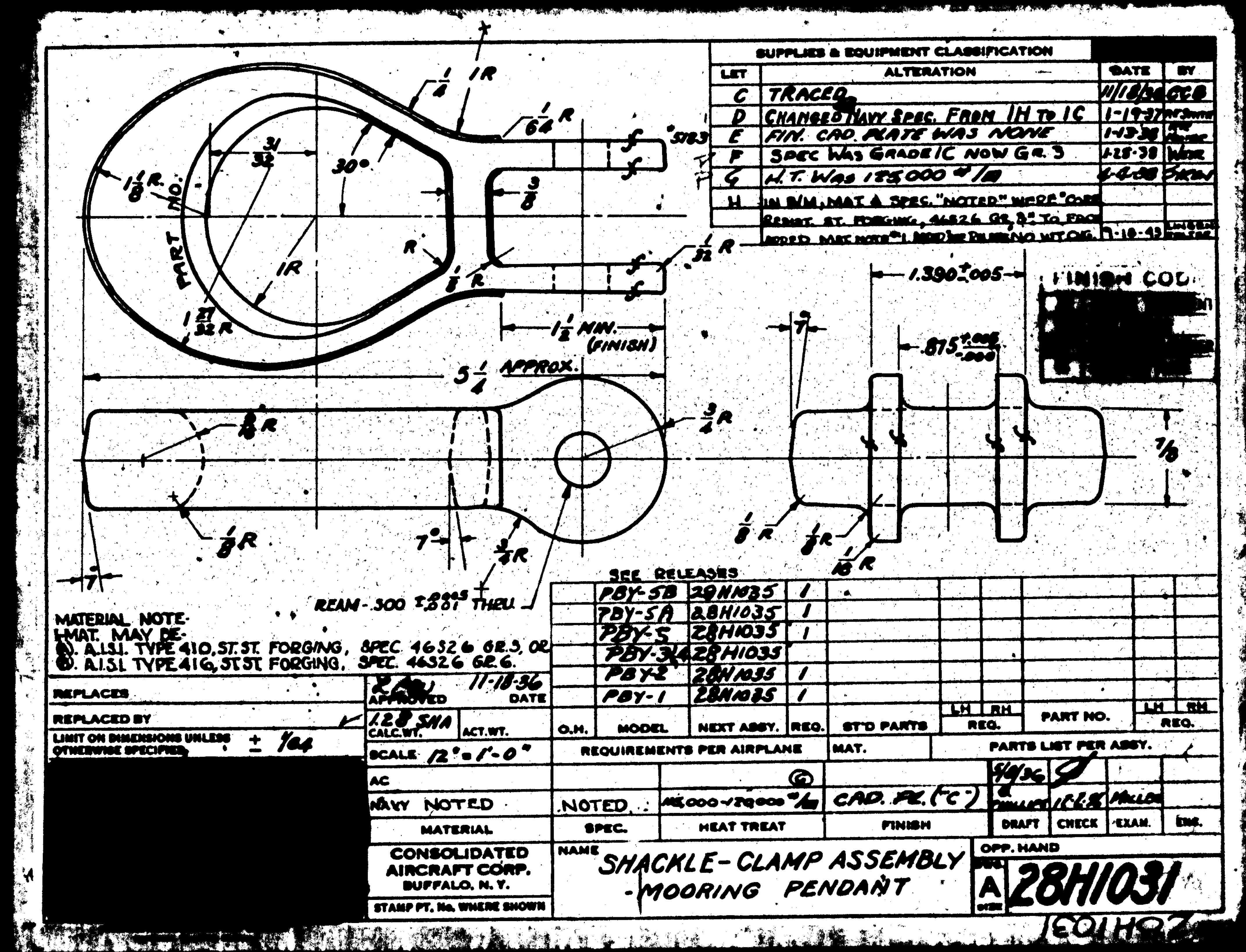

NOTES-
1-MATERIAL MAY BE-
(A) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. B.
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B TRACED
C CHG. TO GR 7E
D
RAD. 1/32
3/4
SPEC.
7/8
3/4 DIA.
1/64
3/32
.499 +.0000 -.003
12 5/8
STAMP ON HD.
THD. 1/2-20 N.F.-3
P.D. .4675 +.0000 -.0026
CHAMFER 45° x 3/64
3/8
1/8
13/16
SPARES ONLY
PBY-5A 28H1010 1
PBY-5 28H1010 1
28-5MU 28H1010 1
28-5MB 28H1010 1
28-5MC 28H1010 1
28-5MA 28H1010 1
PBY-5B 28H1010 1
PBY-4 28H1010
PBY-3 28H1010
PBY-2 28H1010
XP3Y-1 28H1010
PBY-1 28H1010
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
11-18-36
DATE
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED
MATERIAL
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NOTED
SPEC.
HEAT TREAT
CAD. PLATE
FINISH
J.S.
MILLER
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
BOLT - BEACHING GEAR TAILWHEEL-RETAINER
OPP. HAND
A
28H1016



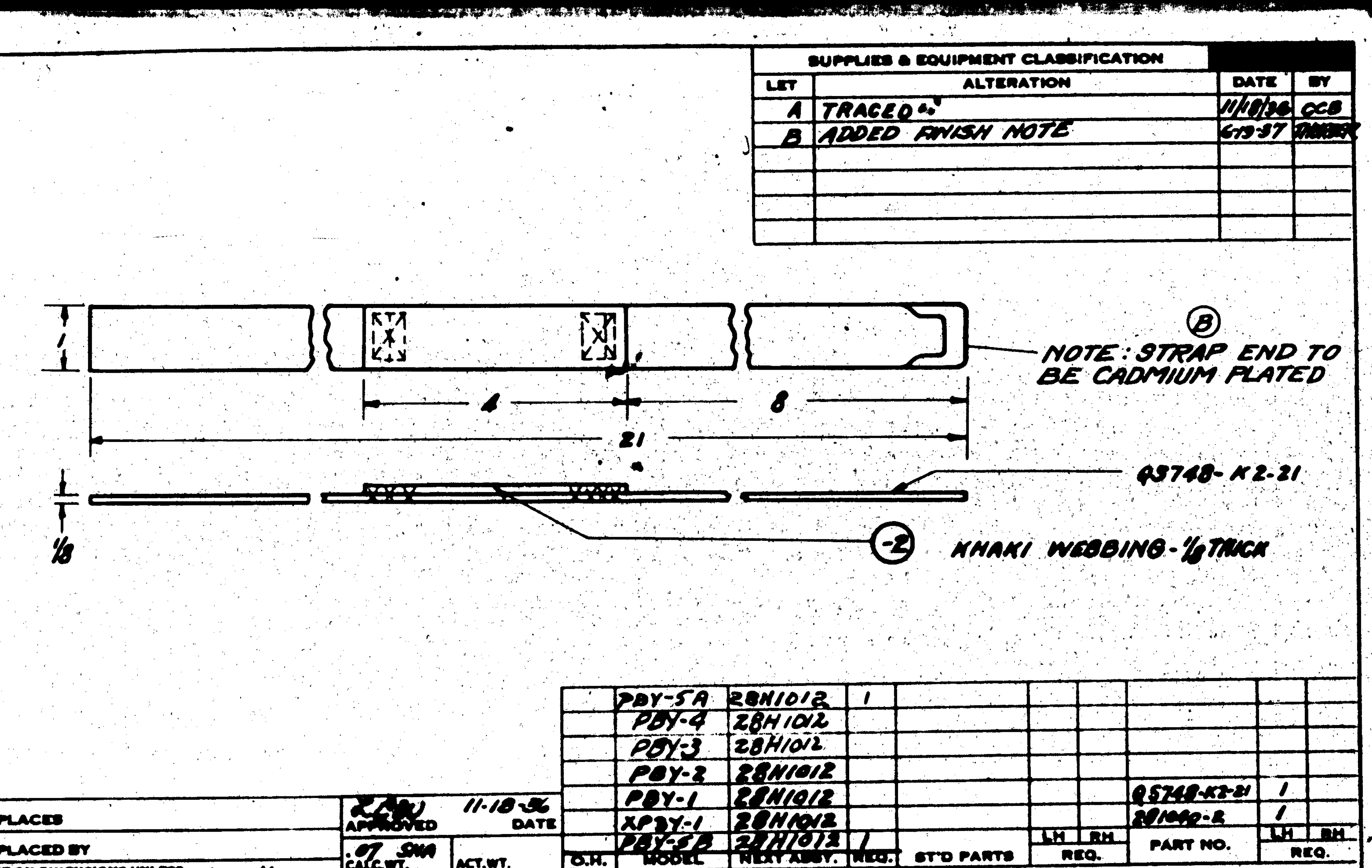
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
11/13/36
CCB
C
MAT'L SPEC. WAS "GR. F.BG"
1-3-39
RRH
1/4
1/16
13/16
1 13/16
50°
6 7/16
7
4
1/4 R
6 R
1 9/16
5 7/8 R
6 9/16
1/16
50°
1/4
13/16
PBY-5A
28H1012
1EA
PBY-4
28H1012
PBY-3
28H1012
PBY-2
28H1012
1
PBY-1
28H1012
1
XPBY-1
28H1012
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED 11-13-36 DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 6" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY PHENOLIC MAT. LAMINATED
GR. F.BG
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
RUBBING PLATE - HULL ANCHOR BOX - BOTTOM
OPP. HAND
A
28H1028



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
C
TRACED
CGB
15/16
3/8
1/4 R
3/16 R.
7/8
7/16
1/4 R
1 1/4 I. DIA.
5/16
5/16
3/16
DRILL 1/8
4 HOLES
1/4 R.
7/8
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-4 28H1010
PBY-3 28H1010
PBY-2 28H1010
PBY-1 28H1010
XP3Y-1 28H1010
PBY-5B 28H1010 1
1
O.N.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
APPROVED 11-13-36 DATE
.04 SWA CALC.WT.
ACT.WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
SCALE 12" = 1'-0"
AC .042 SHEET
1
NAVY SPRING STL.
47315
SPRING TEMPER
C-BAKE
J.S.
1/21/36
MILLER
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
CLIP — BEACHING GEAR
TAILWHEEL — STRUT
OPP. HAND
A
28H1030



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C | TRACED | 11/18/36 | GCB
D | CHANGED NAVY SPEC. FROM 1H TO 1C | 1-19-37
E | FIN. CAD. PLATE WAS NONE | 1-13-38
F | SPEC WAS GRADE 1C NOW GR. 3 | 1-28-38
G | H.T. WAS 125,000 #/□" | 6-6-38
H | IN B/M, MAT & SPEC. "NOTED" WERE CORR. REPLAT. ST. FORGING, 46S26 GR. 3 TO FDG. ADDED PART NOTE 1. | 9-10-43
1/4 1R
1/64 R
31/32
30°
1 1/8 R.
PART NO.
3/8
R
1R
1/8 R
1/32 R
1 27/32 R
1 1/2 MIN. (FINISH)
5 1/4 APPROX.
1.390 ± .005
FINISH COD
[redacted]
.815 +.005 -.000
7°
3/4 R
5/8 R
1/8 R
7°
3/4 R
REAM .300 +.0005 -.001 THRU
1/8 R
1/8 R
1/16 R
7/8
MATERIAL NOTE-
1-MAT. MAY BE-
Ⓐ. A.I.S.I. TYPE 410, ST. ST. FORGING, SPEC. 46S26 GR. 3, OR
Ⓑ. A.I.S.I. TYPE 416, ST. ST. FORGING, SPEC. 46S26 GR. 6.
SEE RELEASES
PBY-5B | 28H1035 | 1
PBY-5A | 28H1035 | 1
PBY-5 | 28H1035 | 1
PBY-3/4 | 28H1035
PBY-2 | 28H1035 | 1
PBY-1 | 28H1035 | 1
APPROVED 11-18-36 DATE
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
1.28 SNA CALC. WT.
ACT. WT.
O.H. | MODEL | NEXT ASSY. | REQ. | STD PARTS | LH RH REQ. | PART NO. | LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
[redacted]
AC
NAVY NOTED | NOTED | 165,000-180,000 #/□" | CAD. PL. ("C") | 11/18/36
MATERIAL | SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME SHACKLE-CLAMP ASSEMBLY -MOORING PENDANT
OPP. HAND
A SIZE 28H1031



O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5A	28H1012	1						
	PBY-4	28H1012							
	PBY-3	28H1012							
	PBY-2	28H1012							
	PBY-1	28H1012					Q5748-K2-21	1	
	XP3Y-1	28H1012					28H1040-2	1	
	PBY-5B	28H1012	1						

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED: [illegible] DATE: 11-18-36

CALC. WT.: .07 [illegible] ACT. WT.

SCALE 6" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY NOTED	NOTED	—	NOTED

DRAFT: [illegible] 12-2-36 — CHECK — EXAM. — ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: RETAINING STRAPS-HULL ANCHOR BOX

OPP. HAND

DWG. SIZE A 28H1040

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED	11/13/36	CCB

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-4	28H30058-1	
	PBY-3	28H30058-1	
	PBY-2	28H005-1	
	PBY-2	28H005	
	XP3Y-1	28H005-1	
	XP3Y-1	28H005	
	PBY-1	28H005-1	
	PBY-1	28H005	
	PBY-5B	28H3005	4

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH	RH	PART NO.	LH	RH
	REQ.			REQ.	

MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED [illegible] DATE 11-13-36

CALC. WT. .085 KRA ACT. WT.

SCALE 12" = 1'

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY 1/16 CHR. MOL. SHT.	47S14	NAF. 91274 [illegible]	C

DRAFT	CHECK	EXAM.	ENG.
[illegible] 11/13/36	[illegible] 12-8-36	GREEN 12/4/36	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME STOP PLATE LOCK-PIN BEACHING GEAR.

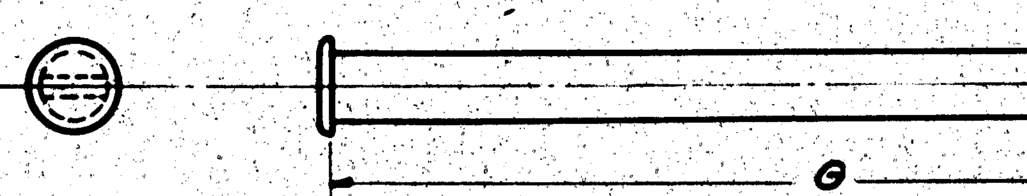
OPP. HAND

SIZE A 28H1049

[illegible] INFERIOR TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED	11/13/36	ECB



G = 5" - ALL OTHER DIMENSIONS & SPECIFICATIONS SAME AS AN-398

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-4	28H3000-1	2
	PBY-3	28H3005-1	2
	P2Y-2	22H773-6	2
	P2Y-2	22H773-5	2
	P2Y-3	22H773-6	2
	P2Y-3	22H773-5	2
	XP3Y-1	28H005-1	2
	XP3Y-1	28H006	2
	PBY-2	28H009-1	2
	PBY-1	28H55-1	2
	PBY-5B	28H3005	4

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± NOTED

APPROVED ECB 11-13-36 DATE

CALC.WT. .185 KRA ACT.WT.

SCALE 12" = 1'

AC

NAVY NOTED

MATERIAL

SPEC.	HEAT TREAT	FINISH
NOTED	NOTED	NOTED

DRAFT	CHECK	EXAM.	ENG.
[illegible]	[signature]	[illegible]	
11/18/36	12-8-36	12/4/36	

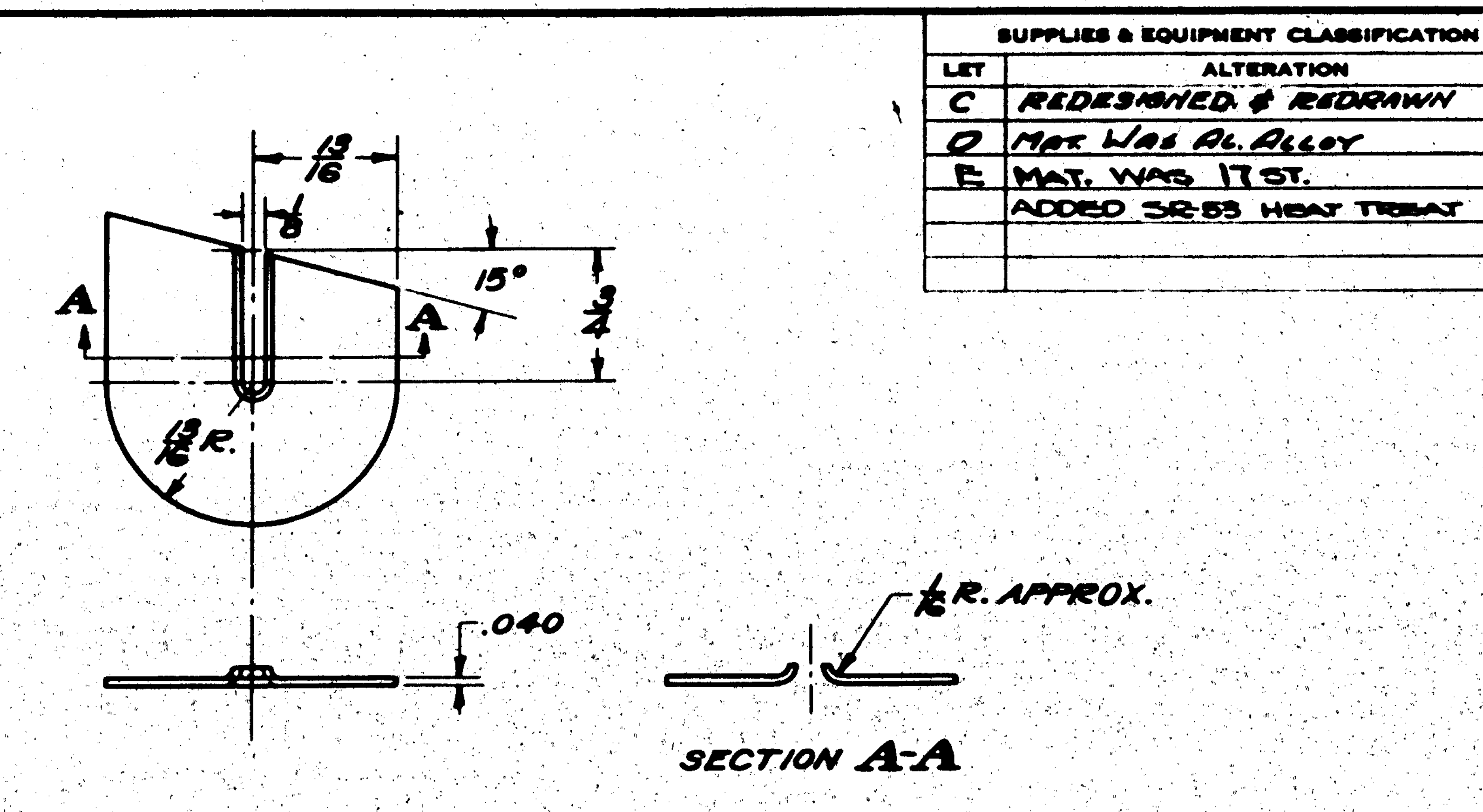
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: CLEVIS PIN BEACHING GEAR. SPECIAL

OPP. HAND

DWG. SIZE A — 28H1051



SUPPLIES & EQUIPMENT CLASSIFICATION	[redacted]		
LET	ALTERATION	DATE	BY
C	REDESIGNED & REDRAWN	12-7-37	[illegible]
D	MAT. WAS AL. ALLOY	12/17/37	[illegible]
E	MAT. WAS 17ST.	6-6-40	[illegible]
	ADDED SR-53 HEAT TREAT	"	"

NOTE:-
THIS PART IS INTERCHANGEABLE WITH 28H1052 OF 6-3-36

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28H1012	1
	PBY-5	28H1012	1
	PBY-4	28H1012	1
	PBY-3	28H1012	1
	PBY-2	28H1012	1
	PBY-1	28H1012	1
	PBY-5B	28H1012	1

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES	APPROVED	DATE
28H1052 of 6-3-36		12-8-37

REPLACED BY	CALC. WT.	ACT. WT.

LIMIT ON DIMENSIONS UNLESS ... SCALE 12"=1'-0"

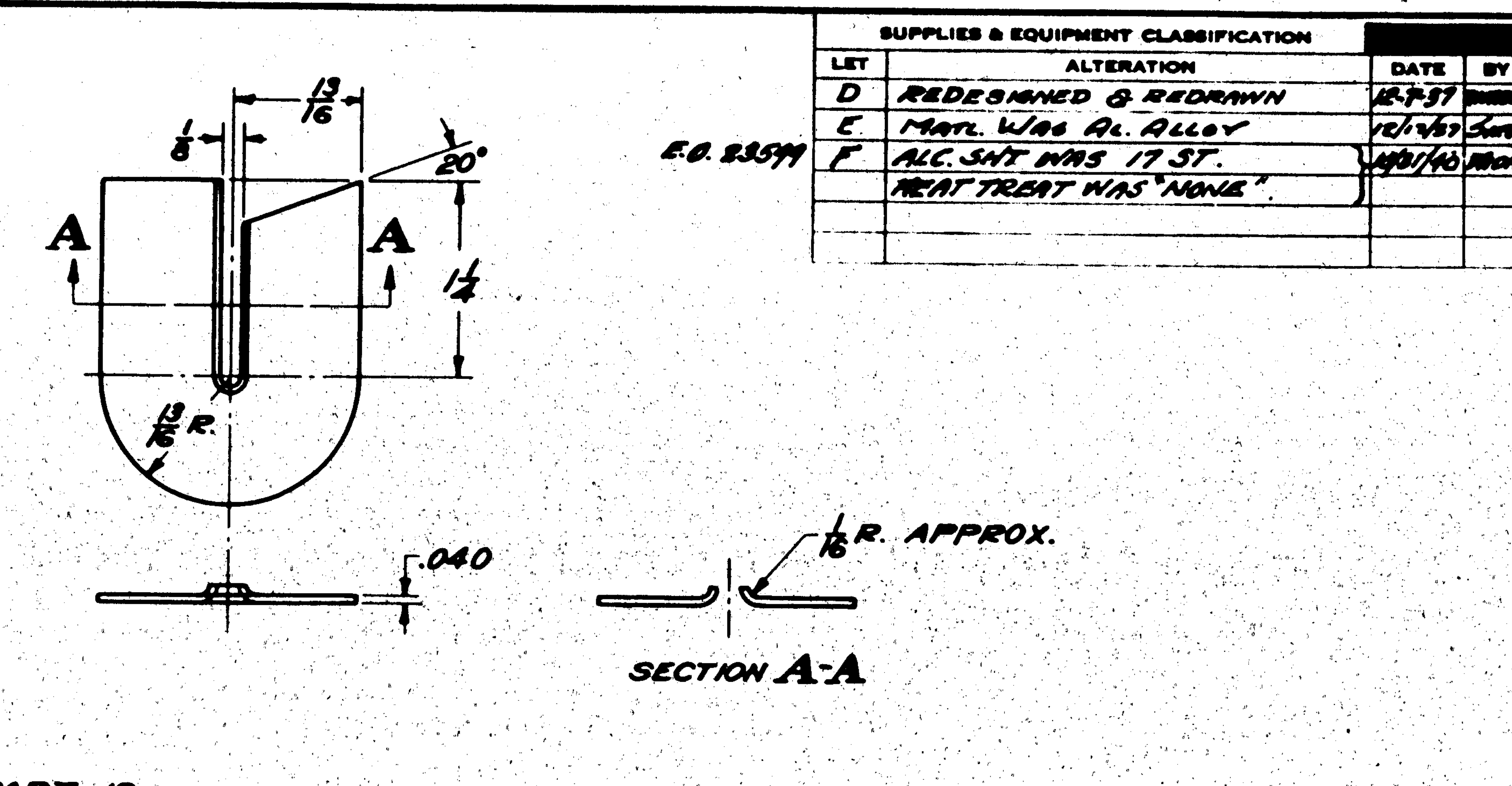
[redacted]

	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
A C								
NAVY	ALCLAD SHT. (17ST)	47A6	SR-53	NONE	12-7-37	[illegible]		

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME
CLIP-FURNISHINGS
BOTTOM ANCHOR BOX

OPP. HAND
DWG. SIZE A
28H1052



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
D	REDESIGNED & REDRAWN	12-7-37	[illegible]
E	MAT'L. WAS AL. ALLOY	12/17/37	[illegible]
F	ALC. SHT WAS 17 ST. HEAT TREAT WAS "NONE".	[illegible]	[illegible]

NOTE:- THIS PART IS INTERCHANGEABLE WITH 28H1053 OF 6-4-36

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-3A	28H1012	1
	PBY-5	28H1012	1
	PBY-4	28H1012	
	PBY-3	28H1012	1
	PBY-2	28H1012	1
	PBY-1	28H1012	1
	PBY-3B	28H1012	1

REQUIREMENTS PER AIRPLANE

ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ. | LH RH REQ. | LH RH REQ. | LH RH REQ. | LH RH REQ.

MAT. | PARTS LIST PER ASSY.

REPLACES: 28H1053 of 6-4-36 | APPROVED | DATE: 12-8-37

REPLACED BY | CALC. WT. | ACT. WT.

LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED

SCALE: 12"=1'-0"

[redacted]

AC

NAVY ALCLAD SHT (24ST) (F) | 47A6 | SR 53 (COND. T) (F) | NONE

MATERIAL | SPEC. | HEAT TREAT | FINISH

DRAFT: [illegible] 12-7-37 | CHECK: [illegible] | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

NAME: CLIP-FURNISHINGS TOP ANCHOR BOX

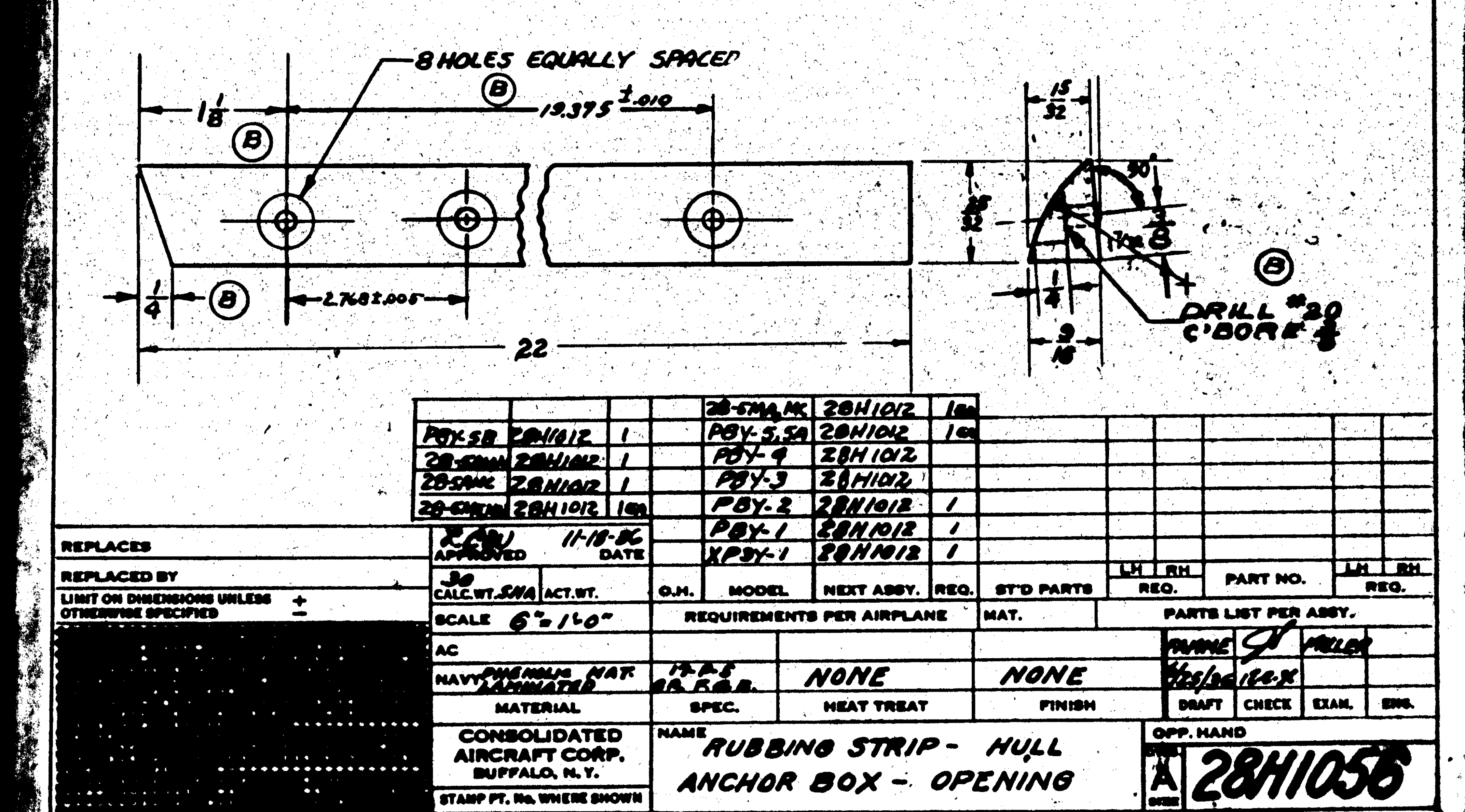
OPP. HAND

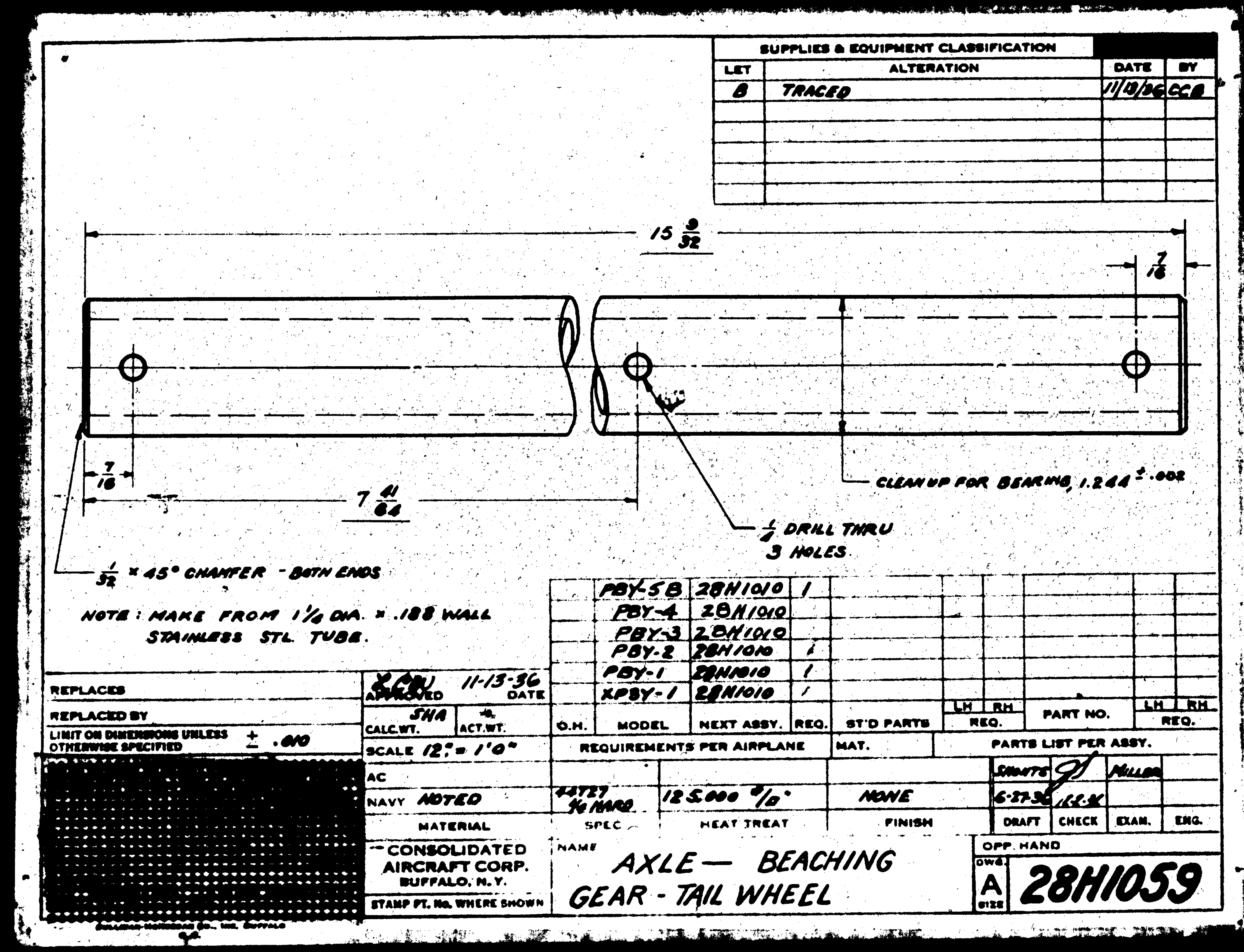
DWG. SIZE: A

28H1053

SUPPLIES & EQUIPMENT CLASSIFICATION

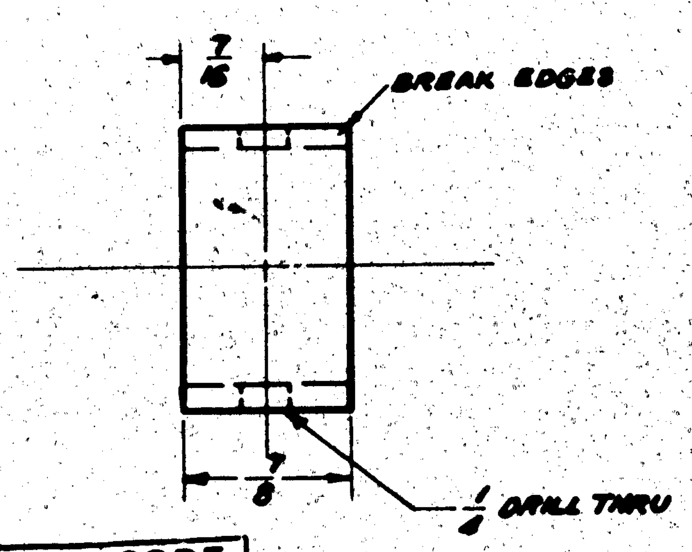
LET	ALTERATION	DATE	BY
A	TRACED	11/18/36	CCB
B	ADDED 1/4 CUT OFF DIM. & 8 EQUALLY SPACED HOLES #20 DRILL C'BORE 3/16 & LOCATING DIMS. NEG. WT. CHG.	3-25-42	HUNT

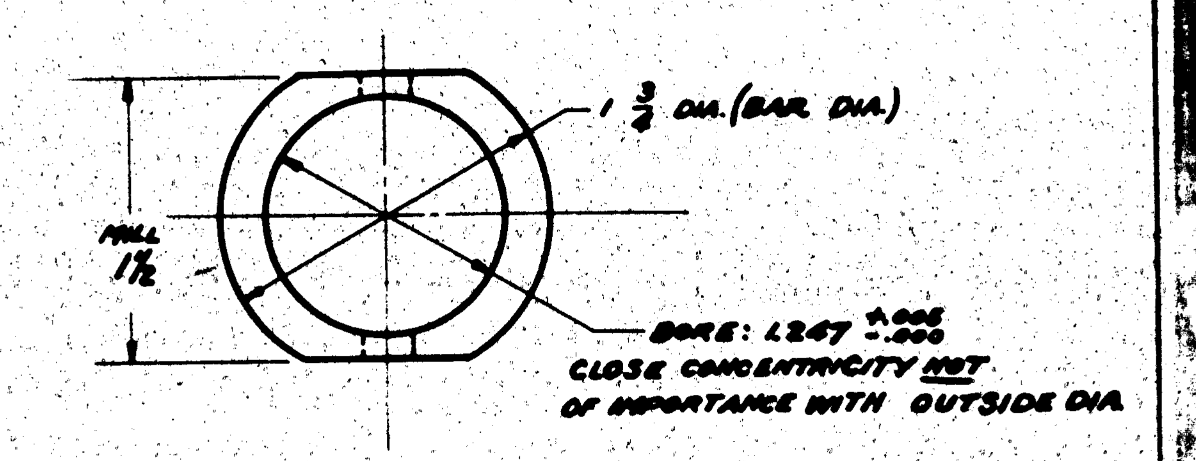



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
11/13/36
CCB
15 9/32
7/16
7/16
7 41/64
CLEAN UP FOR BEARING, 1.244 ± .002
1/4 DRILL THRU
3 HOLES
1/32 × 45° CHAMFER - BOTH ENDS
NOTE: MAKE FROM 1 1/4 DIA. × .188 WALL
STAINLESS STL. TUBE.
PBY-5B 28H1010 1
PBY-4 28H1010
PBY-3 28H1010
PBY-2 28H1010 1
PBY-1 28H1010 1
XPBY-1 28H1010 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
11-13-36
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
125,000 #/□"
NONE
6-27-36
MATERIAL
SPEC
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
AXLE — BEACHING
GEAR - TAIL WHEEL
OPP. HAND
DWG SIZE
A
28H1059

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED	11/13/36	CCB





FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28H1010	2
	PBY-4	28H1010	
	PBY-3	28H1010	
	PBY-2	28H1010	
	PBY-1	28H1010	
	XPBY-1	28H1010	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. –

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED ZBW DATE 11-13-36

CALC. WT. SNA ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY CHR. MOLY. STL. BAR

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY CHR. MOLY. STL. BAR	46823	90,000 #/□"	C

DRAFT	CHECK	EXAM.	ENG.
SHAW 12-2-36		MILLER	

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

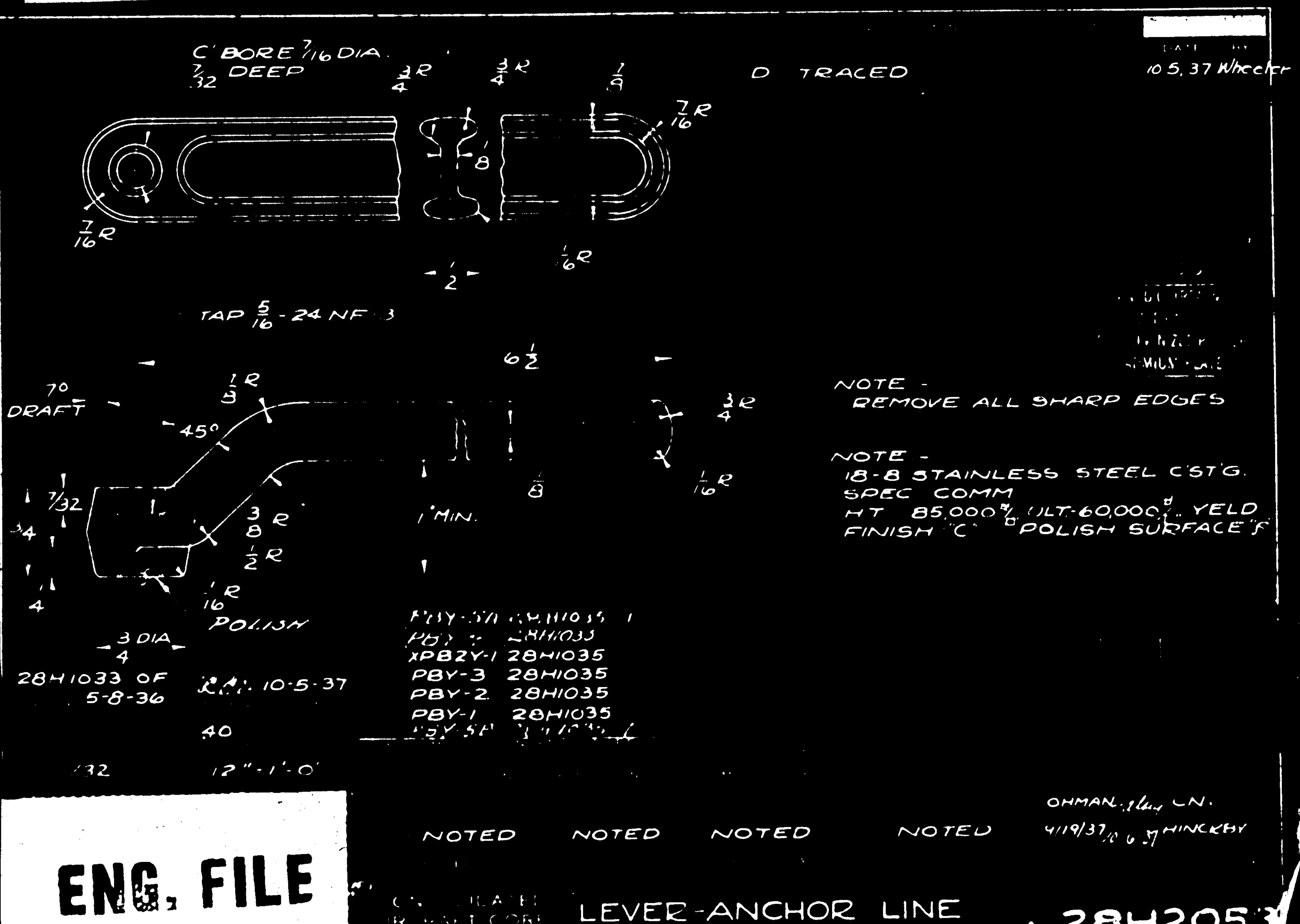
STAMP PT. No. WHERE SHOWN

NAME: NUT — BEACHING GEAR TAIL WHEEL

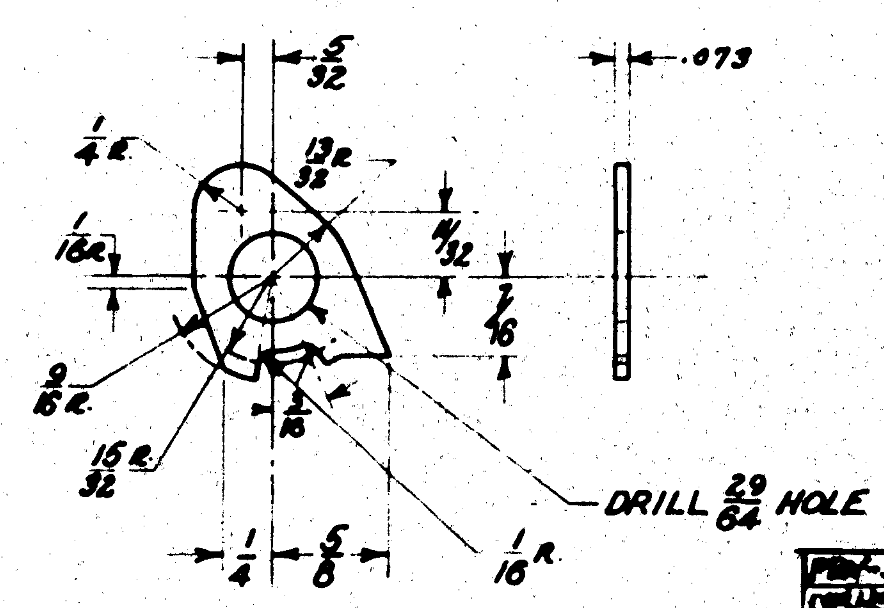
OPP. HAND

DWG. SIZE A

28H1060


C' BORE 7/16 DIA.
7/32 DEEP
D TRACED
10 5, 37 Wheeler
7/16 R
1/16 R
1/2
TAP 5/16 - 24 NF 3
6 1/2
70
DRAFT
1/8 R
45°
3/4 R
3/8 R
1/2 R
1 MIN.
7/32
POLISH
3/4 DIA
NOTE -
REMOVE ALL SHARP EDGES
NOTE -
18-8 STAINLESS STEEL C'ST'G.
SPEC COMM
HT 85,000# ULT-60,000# YELD
FINISH "C" POLISH SURFACE "F"
XPB2Y-1 28H1035
PBY-3 28H1035
PBY-2 28H1035
PBY-1 28H1035
28H1033 OF
5-8-36
10-5-37
40
12" - 1'-0"
OHMAN
4/19/37
HINCKBY
NOTED
NOTED
NOTED
NOTED
ENG. FILE
LEVER-ANCHOR LINE
CLAMP ASSEMBLY
28H2053

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	11-1-37	[illegible]
B	ADDED XB-24 & B-24 REQ'MTS.	5-29-39	[illegible]
C	SPEC. WAS 47519 ANN.	[illegible]	[illegible]
D	ADDED B-24D REQ'MTS LB-30	4-14-41	[illegible]



O.H.	MODEL	NEXT ASSY.	REQ.	MODEL	NEXT ASSY.	REQ.
				PBY-5B	28H2056	2
				LB-30	28H2056-6	
	PBY-5A	28H2056	2	LB-30	28H2056-5	
	PBY-4	28H2056-3		B-24D	28H2056-6	(D)
	PBY-4	28H2056-2		B-24D	28H2056-5	
	PBY-3	28H2056-3		XB-24	28H2056-2	
	PBY-3	28H2056-2	(B)	XB-24	28H2056-3	
	PBY-2	28H2056-3		B24, B24A	28H2056-2	
	PBY-2	28H2056-2		B24, B24A	28H2056-5	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY. | PART NO. | LH RH REQ. | LH RH REQ. | LH RH REQ. | LH RH REQ. | LH RH REQ.

REPLACES	
APPROVED	[illegible] 11-1-37 DATE
REPLACED BY	
CALC. WT.	.01
ACT. WT.	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	+ −
SCALE	12" = 1'0"

[redacted]

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC	.073 STAINL. STL.	87-136-9	NONE	—
NAVY	.073 STAINL. STL.	47521 H.H.	NONE	—

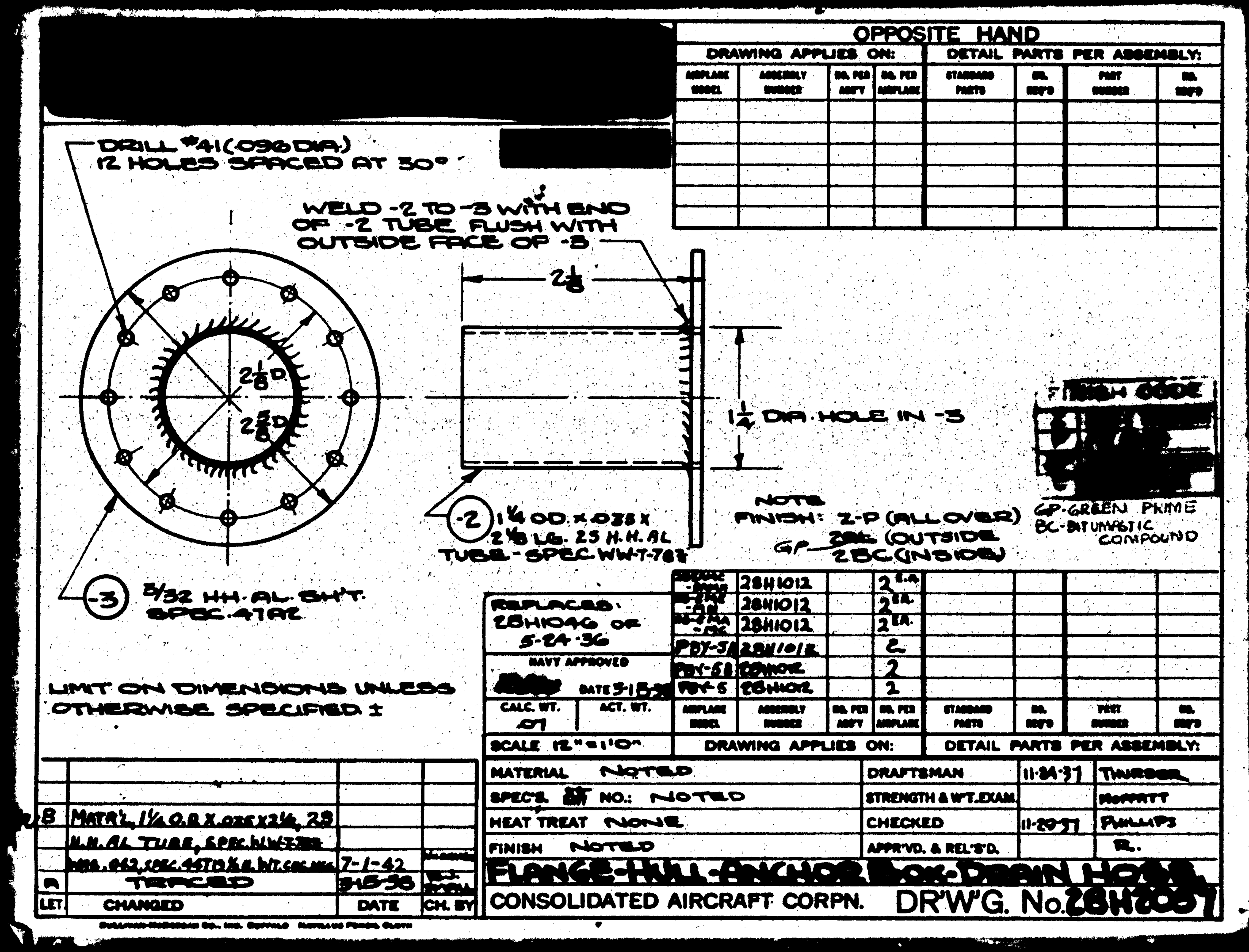
DRAFT	CHECK	EXAM.	ENG.
[illegible]	[illegible]	[illegible]	
5-27-37	11-1-37		

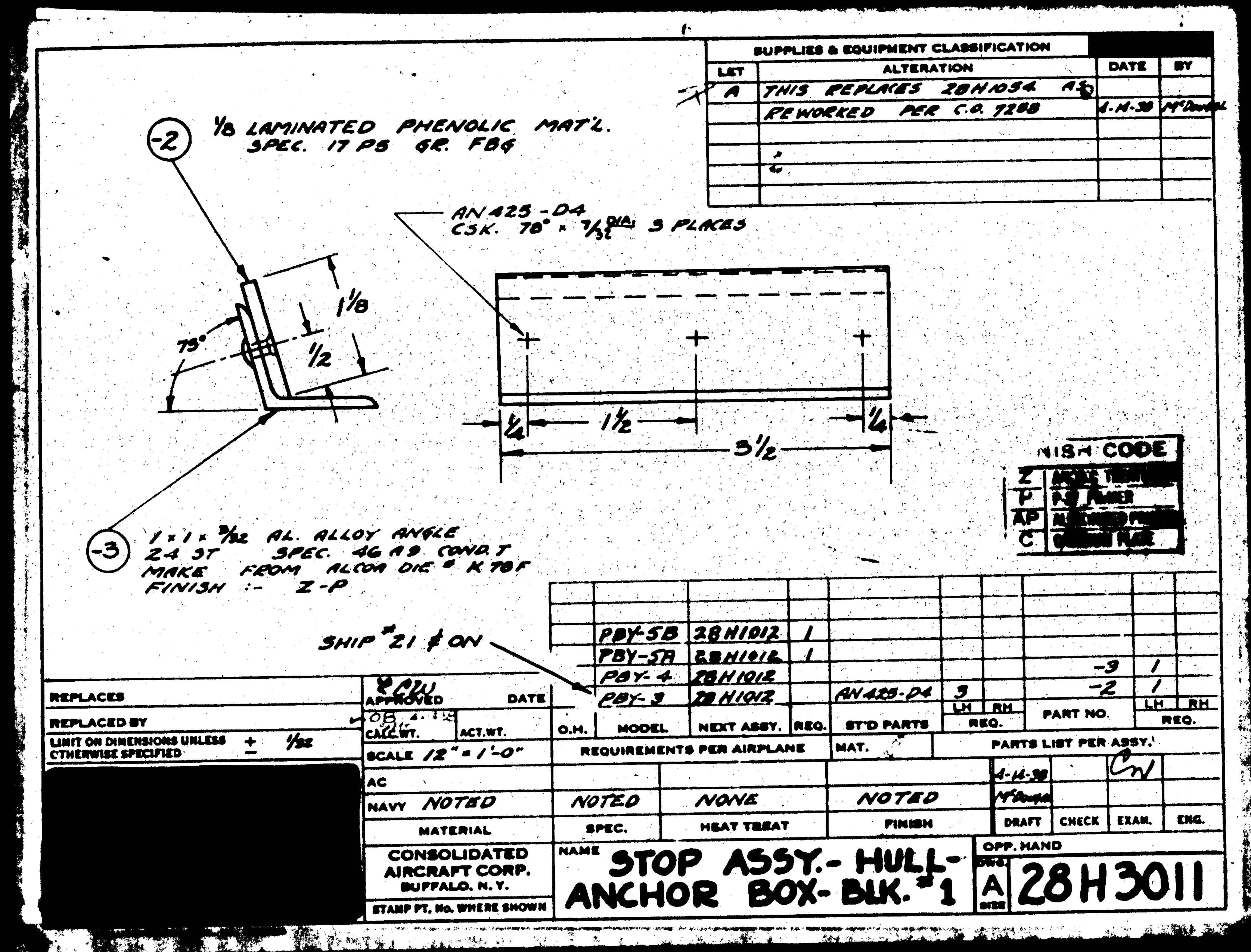
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

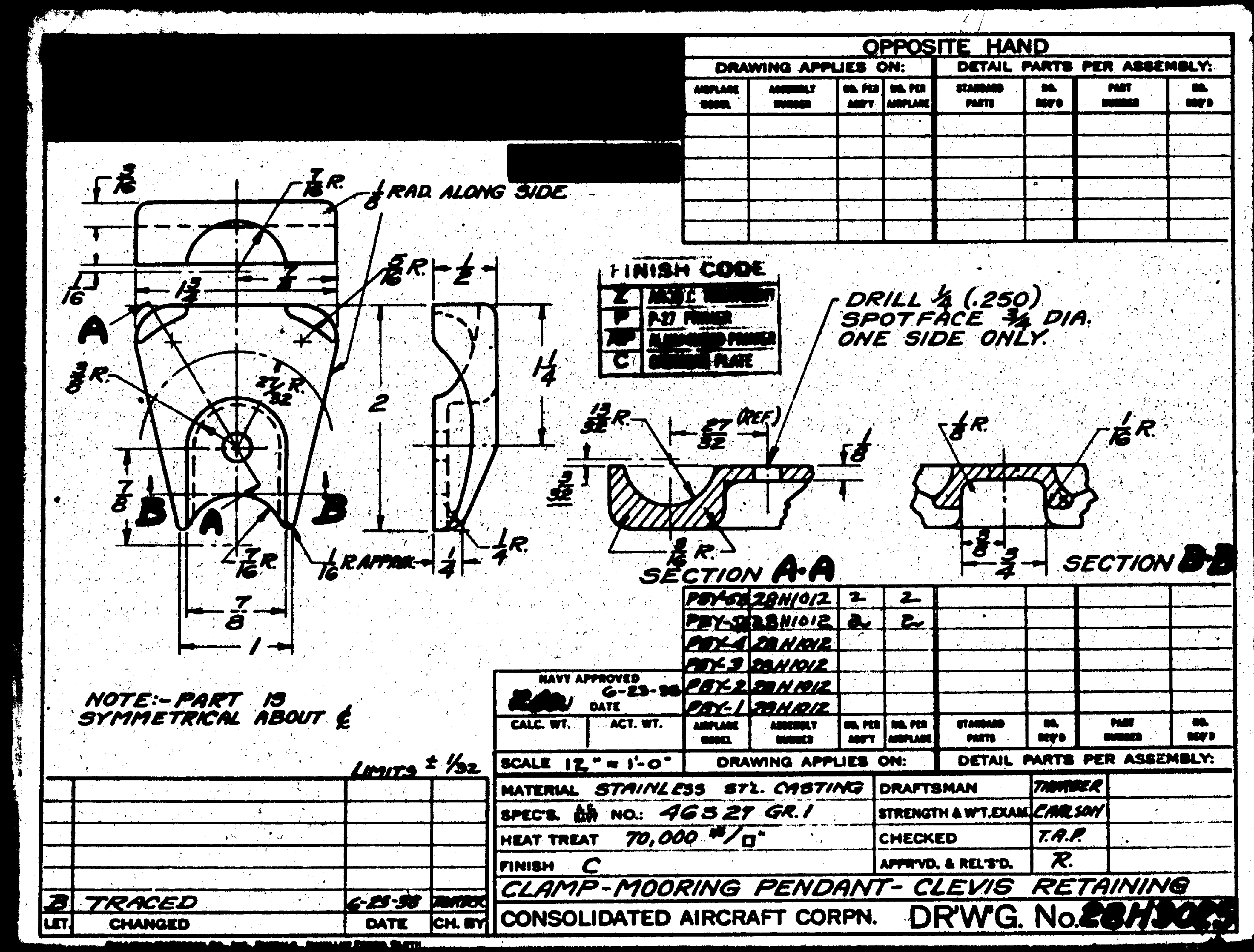
NAME: STOP- FURN'S.- HOISTING SLING

OPP. HAND

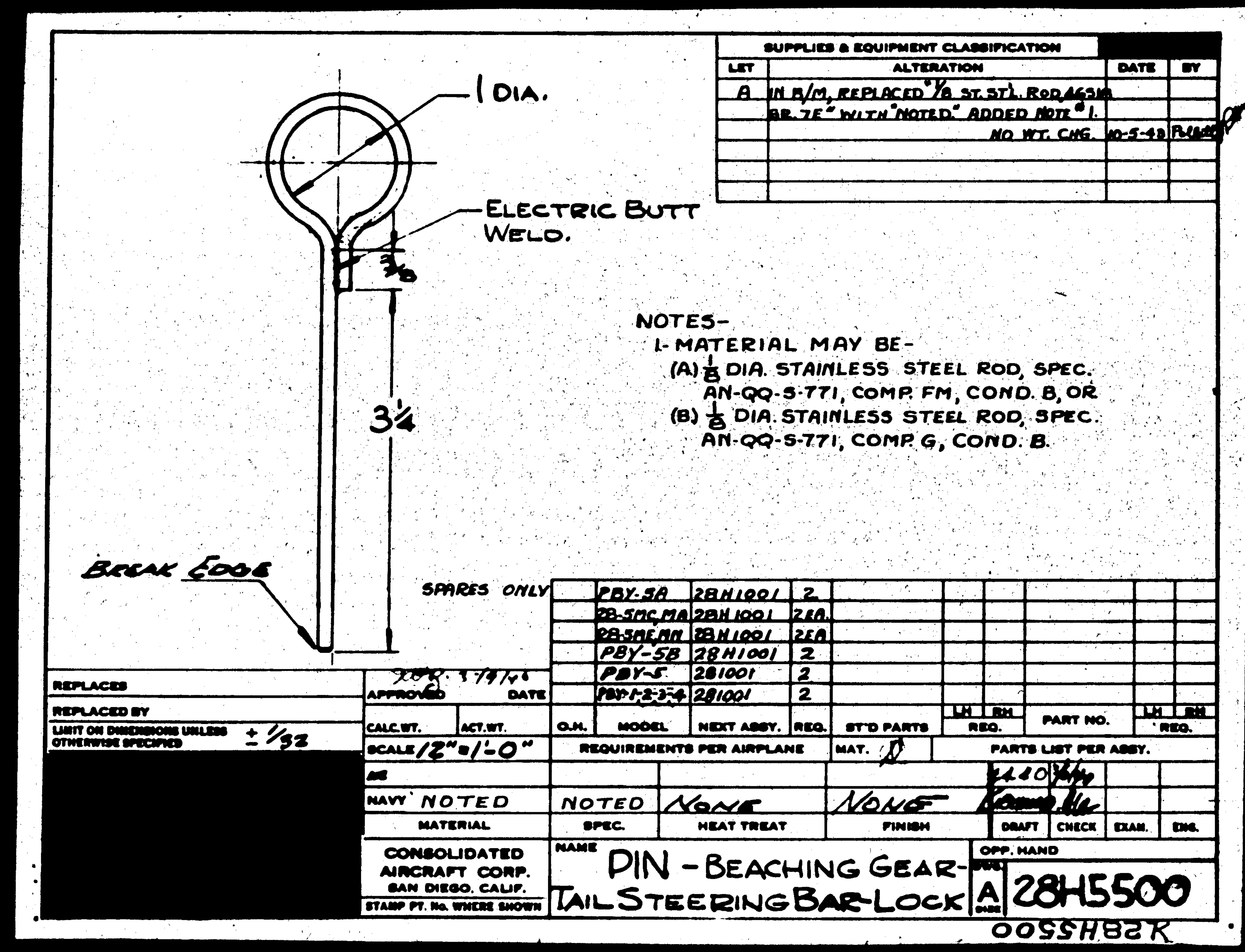
DWG. A 28H205


[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
DRILL #41 (.096 DIA.)
12 HOLES SPACED AT 30°
[redacted]
WELD -2 TO -3 WITH END OF -2 TUBE FLUSH WITH OUTSIDE FACE OF -3
2 1/8
2 1/8 D.
2 5/8 D.
1 1/4 DIA. HOLE IN -3
[redacted]
-2 1 1/4 OD. x .035 x 2 1/8 LG. 2S H.H. AL TUBE - SPEC. WW-T-787
-3 3/32 H.H. AL. SH'T. SPEC. 47A2
NOTE
FINISH: Z-P (ALLOVER)
GP 2BC (OUTSIDE)
2BC (INSIDE)
GP - GREEN PRIME
BC - BITUMASTIC COMPOUND
REPLACES: 28H1046 OF 5-24-36
NAVY APPROVED
[redacted] DATE 5-15-36
28H1012 2 EA.
28H1012 2 EA.
28H1012 2 EA.
PBY-3 28H1012 2
PBY-5A 28H1012 2
PBY-5 28H1012 2
CALC. WT. .07
ACT. WT.
SCALE 12" = 1'0"
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
B MAT'L 1 1/4 O.D. X .035 X 2 1/8 2S H.H. AL TUBE, SPEC. WW-T-787 WAS .042, SPEC. 44T19 ... 7-1-42
A TRACED 3-15-36
LET. CHANGED DATE CH. BY
MATERIAL NOTED
SPEC'S. NO.: NOTED
HEAT TREAT NONE
FINISH NOTED
DRAFTSMAN 11-24-37 THURBER
STRENGTH & WT. EXAM. MOFFATT
CHECKED 11-29-37 PHILLIPS
APPR'VD. & REL'S'D. R.
FLANGE-HULL-ANCHOR BOX-DRAIN HOSE
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 28H2007

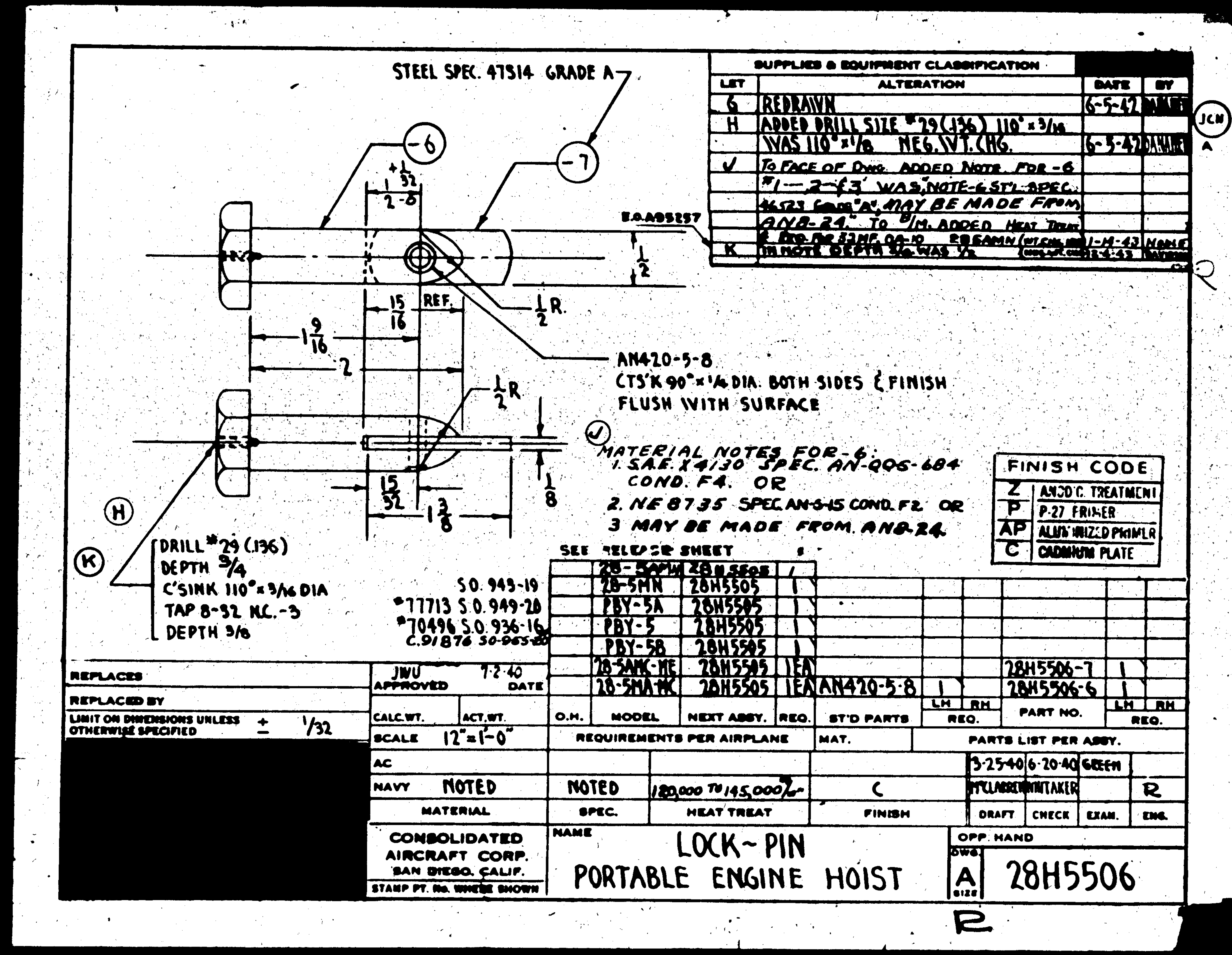

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
THIS REPLACES 28H1054 AS
REWORKED PER C.O. 7288
4-14-38
McDowell
-2
1/8 LAMINATED PHENOLIC MAT'L.
SPEC. 17 PS GR. FBG
AN 425-D4
CSK. 78° × 7/32 DIA. 3 PLACES
1 1/8
75°
1/2
1/4
1 1/2
1/4
3 1/2
NISH CODE
Z
P
AP
C
-3
1 × 1 × 3/32 AL. ALLOY ANGLE
24 ST SPEC. 46A9 COND. T
MAKE FROM ALCOA DIE # K78F
FINISH :- Z-P
SHIP #21 & ON
PBY-5B
28H1012
1
PBY-5A
28H1012
1
PBY-4
28H1012
PBY-3
28H1012
AN425-D4
3
-3
1
-2
1
REPLACES
APPROVED
DATE
REPLACED BY
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
4-14-38
NAVY NOTED
NOTED
NONE
NOTED
McDowell
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
[redacted]
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
STOP ASSY.- HULL- ANCHOR BOX- BLK. #1
OPP. HAND
DWG SIZE A
28H3011



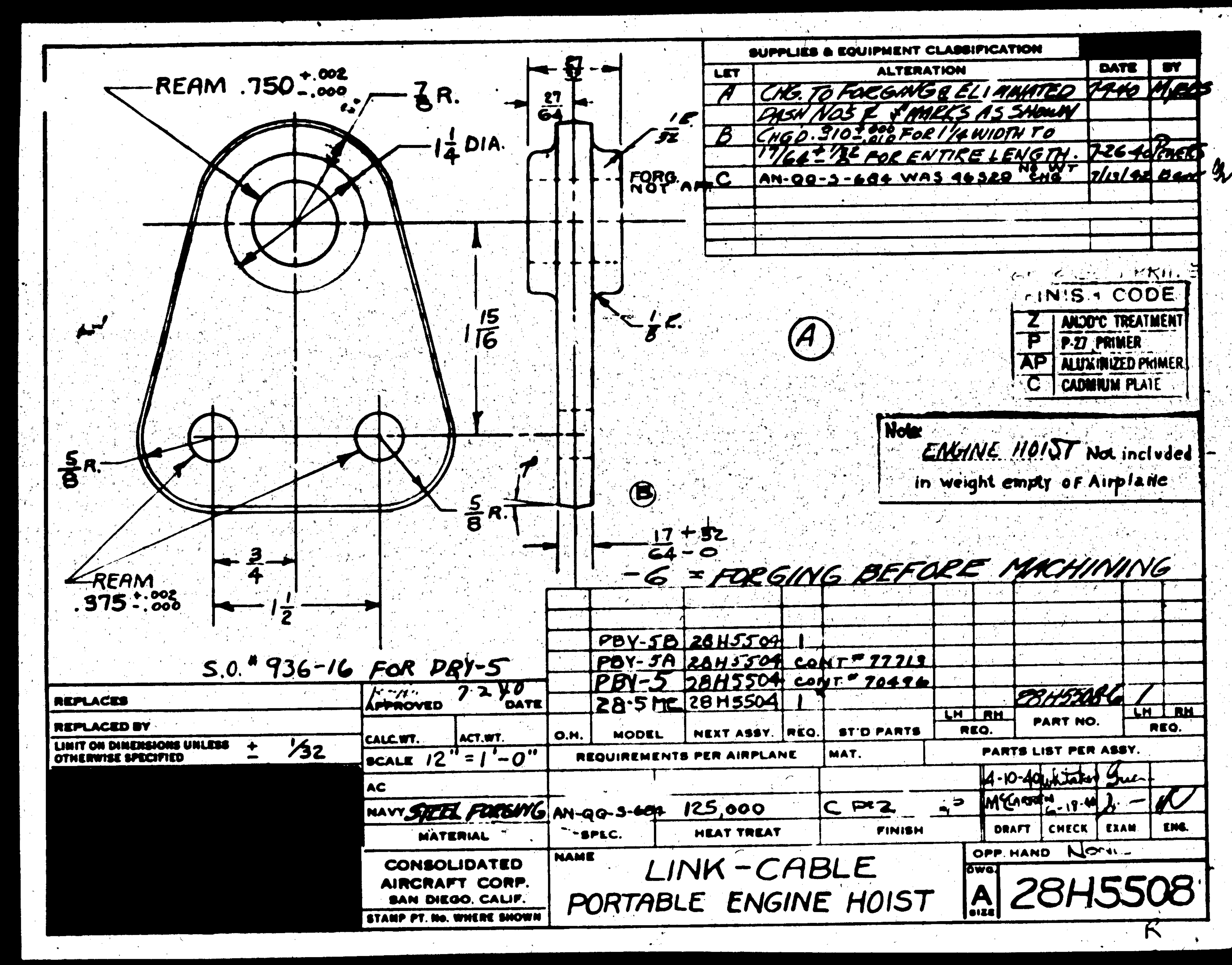
[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
3/16
7/16 R.
1/8 RAD. ALONG SIDE
5/16 R.
1/2
1/16
1 3/4
7/8
A
3/8 R.
27/32 R.
2
1 1/4
7/8
B
A
B
7/16 R.
1/16 R. APPROX.
1/4
1/4 R.
7/8
1
FINISH CODE
Z
P
P-27 PRIMER
AP
C
PLATE
DRILL 1/4 (.250)
SPOTFACE 3/4 DIA.
ONE SIDE ONLY.
13/32 R.
27/32 (REF.)
1/8
3/32
3/16 R.
SECTION A-A
1/8 R.
1/16 R.
3/8
3/4
SECTION B-B
PBY-5 28H1012 2 2
PBY-5 28H1012 2 2
PBY-4 28H1012
PBY-3 28H1012
PBY-2 28H1012
PBY-1 28H1012
NAVY APPROVED
6-23-38
DATE
CALC. WT.
ACT. WT.
NOTE:- PART 13 SYMMETRICAL ABOUT ℄
LIMITS ± 1/32
SCALE 12" = 1'-0"
MATERIAL STAINLESS STL. CASTING
SPEC'S. NO.: 46S27 GR. 1
HEAT TREAT 70,000 #/□"
FINISH C
DRAFTSMAN
STRENGTH & W'T. EXAM. CARLSON
CHECKED T.A.P.
APPR'VD. & REL'S'D. R.
B TRACED 6-23-38
LET. CHANGED DATE CH. BY
CLAMP-MOORING PENDANT- CLEVIS RETAINING
CONSOLIDATED AIRCRAFT CORPN.
DR'WG. No. [redacted]



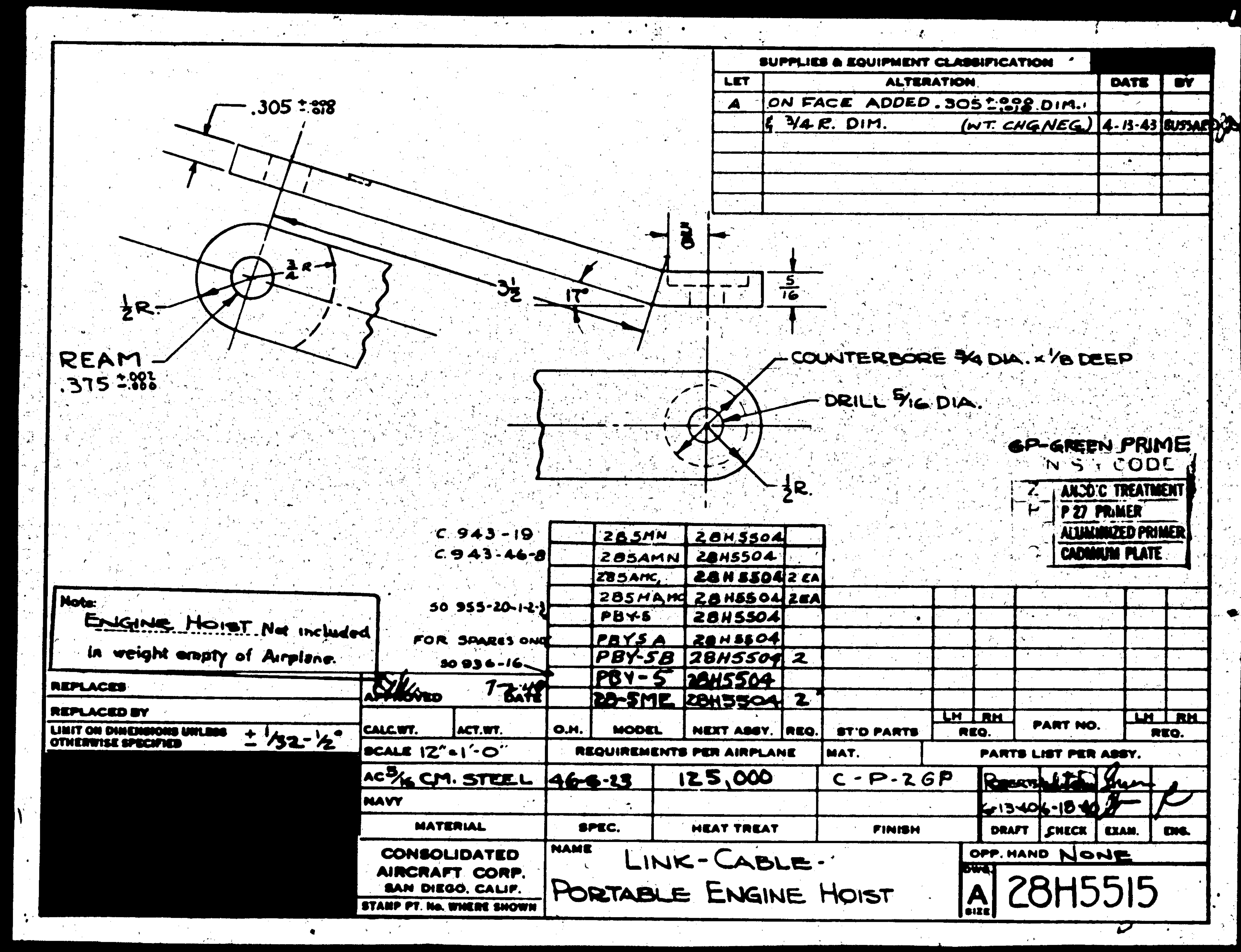
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A IN B/M, REPLACED "1/8 ST. STL. ROD AGSM BR. 7E" WITH "NOTED." ADDED NOTE #1. NO WT. CHG. 10-5-43
1 DIA.
ELECTRIC BUTT WELD.
3/8
3 1/4
BREAK EDGE
NOTES-
1- MATERIAL MAY BE-
(A) 1/8 DIA. STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B) 1/8 DIA. STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. B.
SPARES ONLY
PBY-5A 28H1001 2
28-5MC,MA 28H1001 2EA.
28-5ME,MN 28H1001 2EA.
PBY-5B 28H1001 2
PBY-5 281001 2
PBY-1-2-3-4 281001 2
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED 3/9/43 DATE
CALC. WT. | ACT. WT.
SCALE 12" = 1'-0"
AN
NAVY NOTED | NOTED | NONE | NONE
MATERIAL | SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME PIN - BEACHING GEAR- TAIL STEERING BAR-LOCK
OPP. HAND
A 28H5500
28H5500



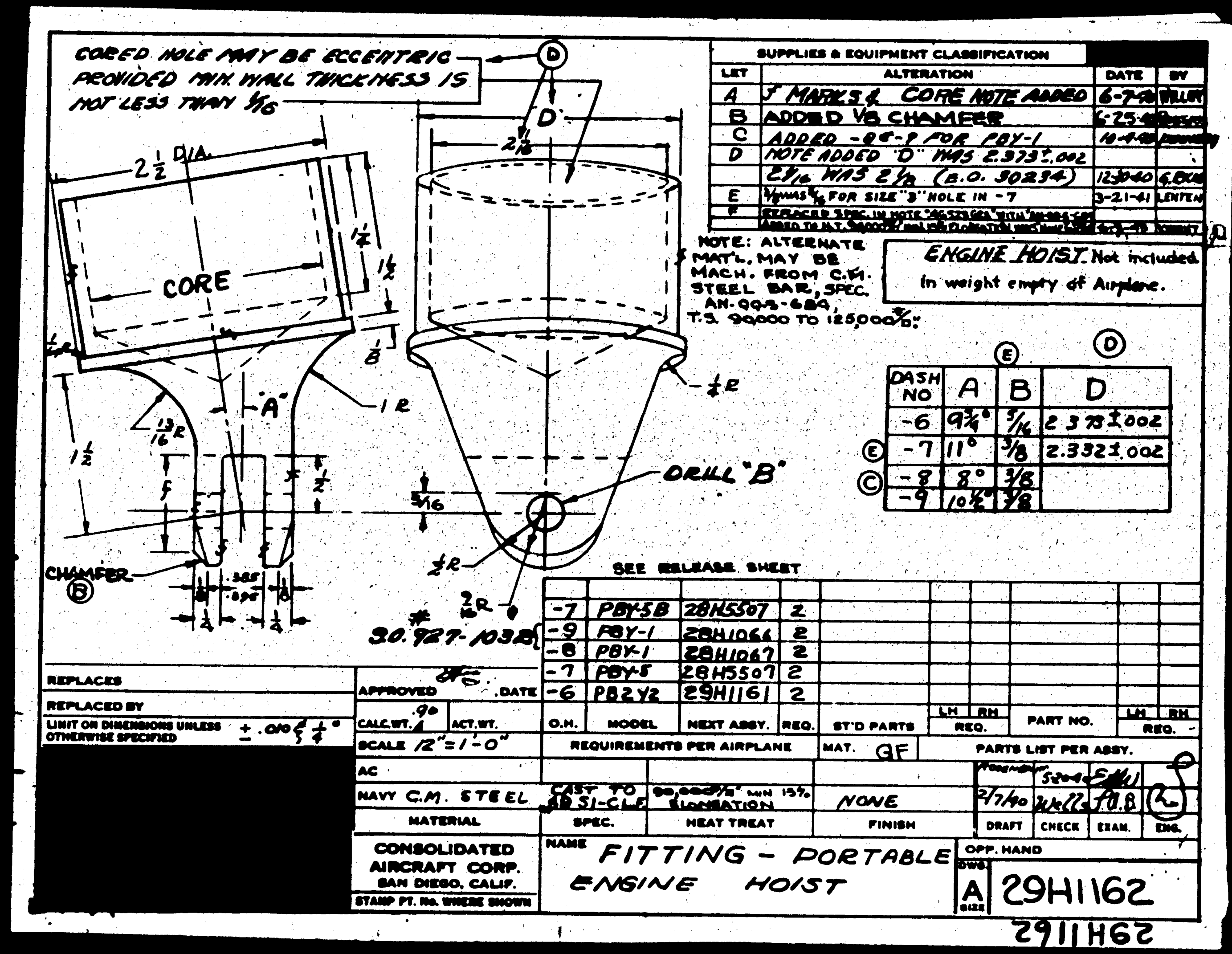
STEEL SPEC. 47S14 GRADE A
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
G REDRAWN 6-5-42
H ADDED DRILL SIZE #29 (.136) 110° x 3/16
WAS 110° x 1/8 NEG. WT. CHG. 6-5-42
J TO FACE OF DWG. ADDED NOTE FOR -6 #1 - 2 & 3 WAS NOTE -6 ST'L SPEC. 46S23 GRADE "A" MAY BE MADE FROM AN8-24" TO 8/1M. ADDED HEAT TREAT
1-14-43
K IN NOTE DEPTH 3/4 WAS 1/2
-6
-7
E.O.A95257
1/2 R.
REF.
AN420-5-8
CTS'K 90° x 1/4 DIA. BOTH SIDES & FINISH FLUSH WITH SURFACE
MATERIAL NOTES FOR -6:
1. S.A.E. X4130 SPEC. AN-QQS-684 COND. F4. OR
2. NE 8735 SPEC. AN-S-15 COND. F2 OR
3 MAY BE MADE FROM AN8-24.
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
DRILL #29 (.136)
DEPTH 3/4
C'SINK 110° x 3/16 DIA
TAP 8-32 NC.-3
DEPTH 3/8
S.O. 949-19
#77713 S.O. 949-20
#70496 S.O. 936-16
C.91876 S.O.-955-
SEE RELEASE SHEET
28-5MN 28H5505 1
PBY-5A 28H5505 1
PBY-5 28H5505 1
PBY-5B 28H5505 1
28-5AMC-ME 28H5505 1EA 28H5506-7 1
28-5MA-MC 28H5505 1EA AN420-5-8 1 28H5506-6 1
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
JWU APPROVED 7-2-40 DATE
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED NOTED 180,000 TO 145,000 # C
MATERIAL SPEC. HEAT TREAT FINISH
3-25-40 6-20-40 GREEN R
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
LOCK~PIN
PORTABLE ENGINE HOIST
OPP. HAND
DWG. SIZE A
28H5506



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | CHG. TO FORGING & ELIMINATED DASH NOS F & MARKS AS SHOWN
B | CHGD. .310 +.000 -.010 FOR 1/4 WIDTH TO 17/64 +1/32 -0 FOR ENTIRE LENGTH. | 7-26-40
C | AN-QQ-S-684 WAS 46320 NO WT CHG | 7/13/42
REAM .750 +.002 -.000
7/8 R.
1 1/4 DIA.
1 15/16
5/8 R.
5/8 R.
3/4
1 1/2
REAM .375 +.002 -.000
27/64
1/32 R.
FORG. NOT AN
1/8 R.
17/64 +1/32 -0
A
B
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
Note: ENGINE HOIST Not included in weight empty of Airplane
-6 = FORGING BEFORE MACHINING
S.O. # 936-16 FOR DRY-5
PBY-5B 28H5504 1
PBY-5A 28H5504 CONT # 77713
PBY-5 28H5504 CONT # 70496
28-5MC 28H5504 1
28H5508-6 1
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED 7-2-40 DATE
CALC. WT. | ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY STEEL FORGING | AN-QQ-S-684 | 125,000 | C P Z
MATERIAL | SPEC. | HEAT TREAT | FINISH
4-10-40 | 6-19-40
DRAFT | CHECK | EXAM | ENG.
OPP. HAND NONE
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME LINK-CABLE PORTABLE ENGINE HOIST
DWG. SIZE A 28H5508



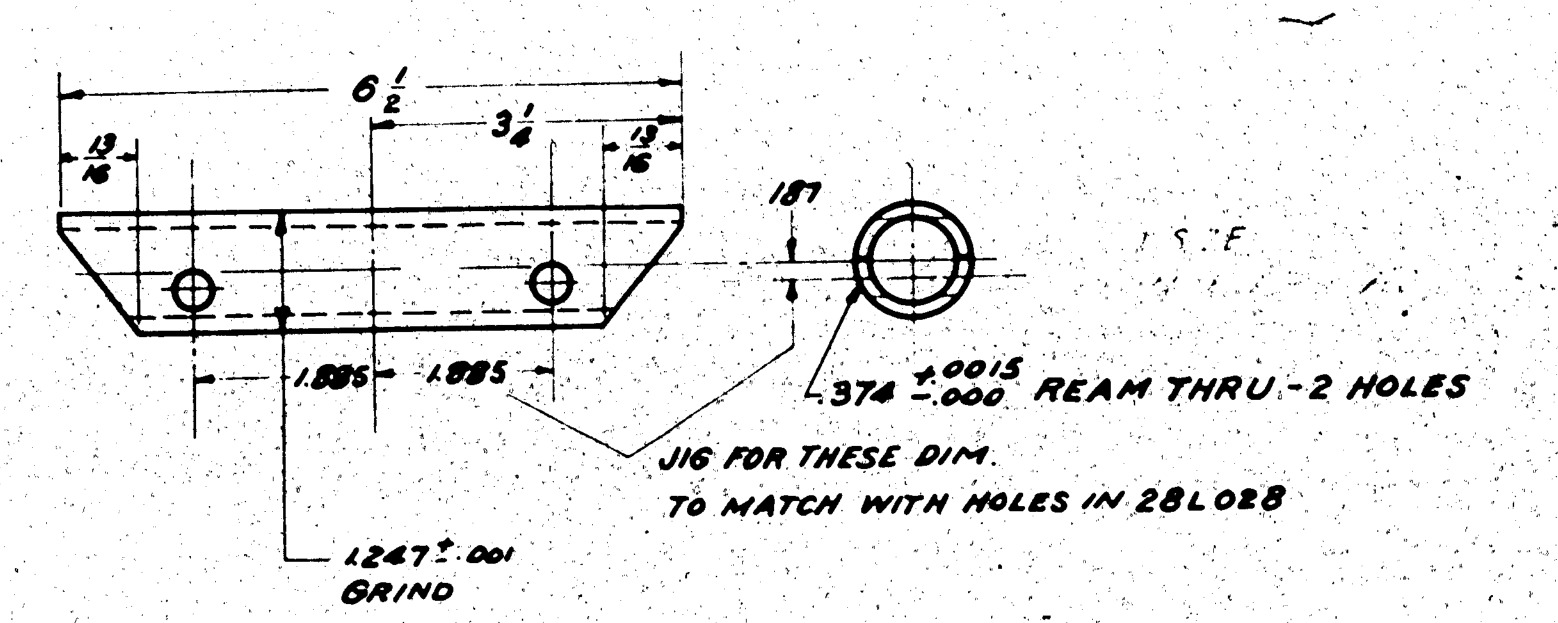
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | ON FACE ADDED .305 +.000 -.018 DIM. & 3/4 R. DIM. (WT. CHG NEG.) | 4-13-43 | BUSSARD
.305 +.000 -.018
3/4 R
1/2 R.
REAM .375 +.002 -.000
3 1/2
17°
5/16
COUNTERBORE 3/4 DIA. x 1/8 DEEP
DRILL 5/16 DIA.
1/2 R.
GP-GREEN PRIME
N S : CODE
ANODIC TREATMENT
P 27 PRIMER
ALUMINIZED PRIMER
CADMIUM PLATE
C 943-19 | 28-5MN | 28H5504
C 943-46-8 | 28-5AMN | 28H5504
28-5AMC | 28H5504 | 2 EA
50 955-20-1-2-3 | 28-5MAMC | 28H5504 | 2 EA
PBY-5 | 28H5504
FOR SPARES ONLY | PBY-5A | 28H5504
50 936-16 | PBY-5B | 28H5504 | 2
PBY-5 | 28H5504
28-5ME | 28H5504 | 2
Note: ENGINE HOIST Not included in weight empty of Airplane.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 - 1/2°
APPROVED | DATE 7-2-40
CALC.WT. | ACT.WT. | O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
SCALE 12" = 1'-0" | REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.
AC 5/16 C.M. STEEL | 46-6-23 | 125,000 | C-P-2GP
NAVY
6-13-40 6-18-40
MATERIAL | SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME LINK-CABLE-PORTABLE ENGINE HOIST
OPP. HAND NONE
DWG. A SIZE 28H5515



CORED HOLE MAY BE ECCENTRIC PROVIDED MIN. WALL THICKNESS IS NOT LESS THAN 1/16
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A "J" MARKS & CORE NOTE ADDED
B ADDED 1/8 CHAMFER
C ADDED -8 & -9 FOR PBY-1
D NOTE ADDED "D" WAS 2.373±.002
2 1/16 WAS 2 1/2 (E.O. 30234)
E 1/4 WAS 5/16 FOR SIZE "B" HOLE IN -7
3-21-41
2 1/2 DIA.
CORE
"A"
1 R
1 1/2
1/8
13/16 R
CHAMFER
.385
.395
"D"
2 1/16
NOTE: ALTERNATE MAT'L. MAY BE MACH. FROM C.M. STEEL BAR, SPEC. AN-QQ-S-684, T.S. 90,000 TO 125,000#/□"
ENGINE HOIST Not included in weight empty of Airplane.
1/8 R
DRILL "B"
5/16
1/2 R
2/16 R
30.927-1032
SEE RELEASE SHEET
DASH NO | A | B | D
-6 | 9 3/4° | 5/16 | 2.373±.002
-7 | 11° | 3/8 | 2.332±.002
-8 | 8° | 3/8
-9 | 10 1/2° | 3/8
-7 PBY-5B 28H5507 2
-9 PBY-1 28H1066 2
-8 PBY-1 28H1067 2
-7 PBY-5 28H5507 2
-6 PB2Y2 29H1161 2
D.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT. GF
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010 & ±1/4°
APPROVED
DATE
CALC.WT. .90
ACT.WT.
SCALE 12"=1'-0"
AC
NAVY C.M. STEEL
CAST TO 90,000#/□" MIN 15% ELONGATION
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
2/7/40
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME FITTING - PORTABLE ENGINE HOIST
OPP. HAND
DWG. A SIZE
29H1162
29H1162

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
E	TRACED	11/14/36	CCB
F	CHANGED NAVY SPEC. FROM 1H to 1C	1-19-37	RK SMITH
G	ADDED PB2Y-2 REQ.	12/7/39	ZEIGLER
H	MATL. WAS ST. STL. BAR 46S18a	8-1-40	ZEIGLER
J	[illegible]	2-[illegible]-40	FOSTER



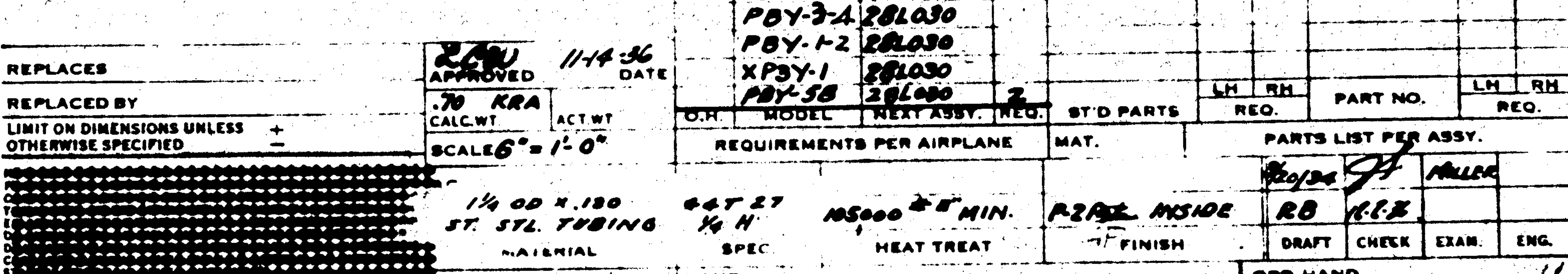
Z [redacted]
P
AP
C

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28L030	2
	PBY-5	29L030	2
	PB2Y-2	29L030	2
	PBY-3-A	28L030	
	PBY-1-2	28L030	
	XP3Y-1	28L030	
	PBY-5B	28L030	2

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.



REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

APPROVED: [illegible] DATE: 11-14-36

CALC. WT: .70 KRA — ACT. WT

SCALE 6" = 1'-0"

[redacted]

MATERIAL	SPEC.	HEAT TREAT	FINISH
1 1/4 OD × .130 ST. STL. TUBING	44T27 1/4 H	105000 ±5 MIN.	P2P[illegible] INSIDE

DRAFT	CHECK	EXAM.	ENG.
11/20/36 RB	[illegible] R.E.Z.		MILLER

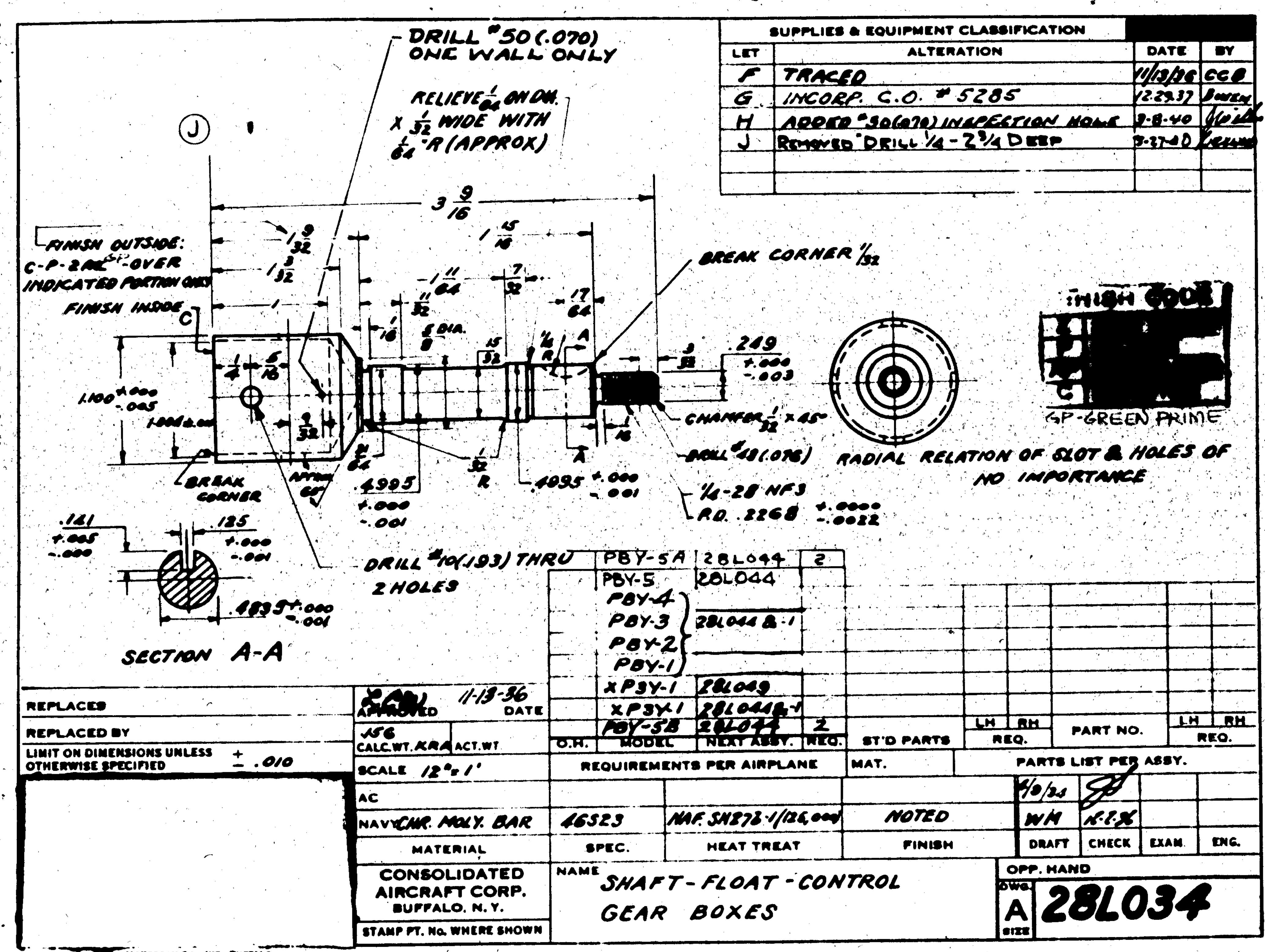
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

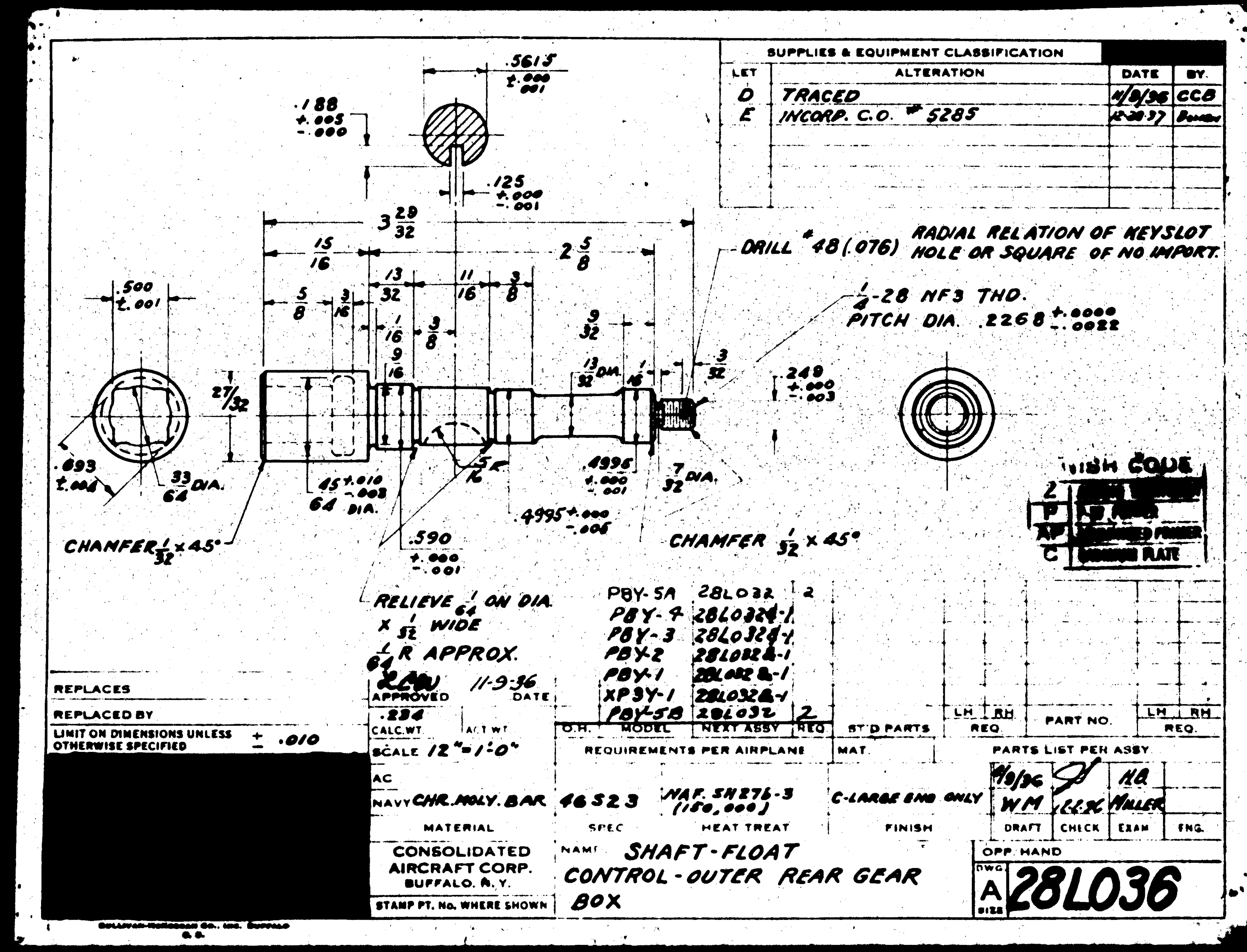
STAMP PT. No. WHERE SHOWN

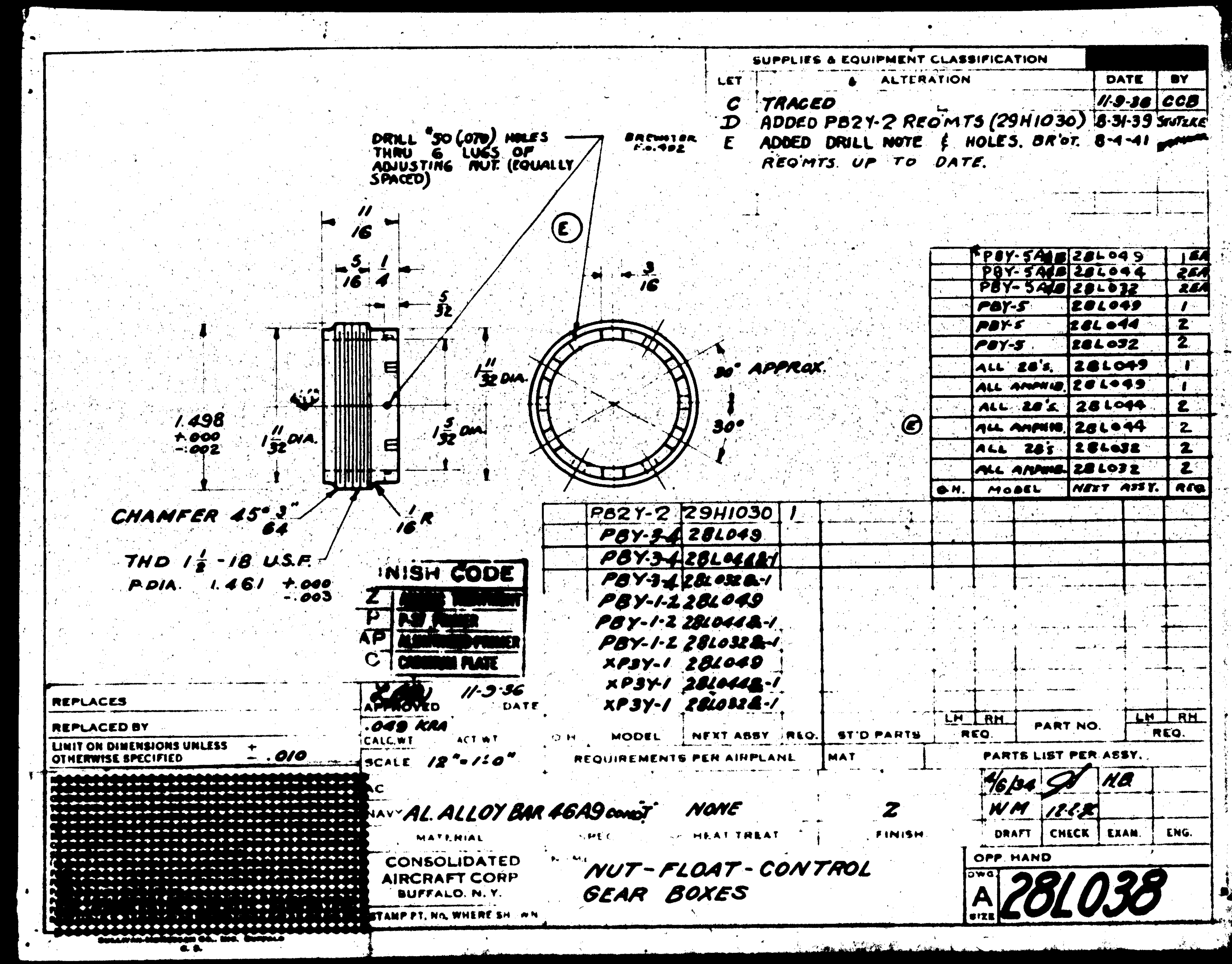
NAME: PIN-FLOAT-RETRACTING STRUTS

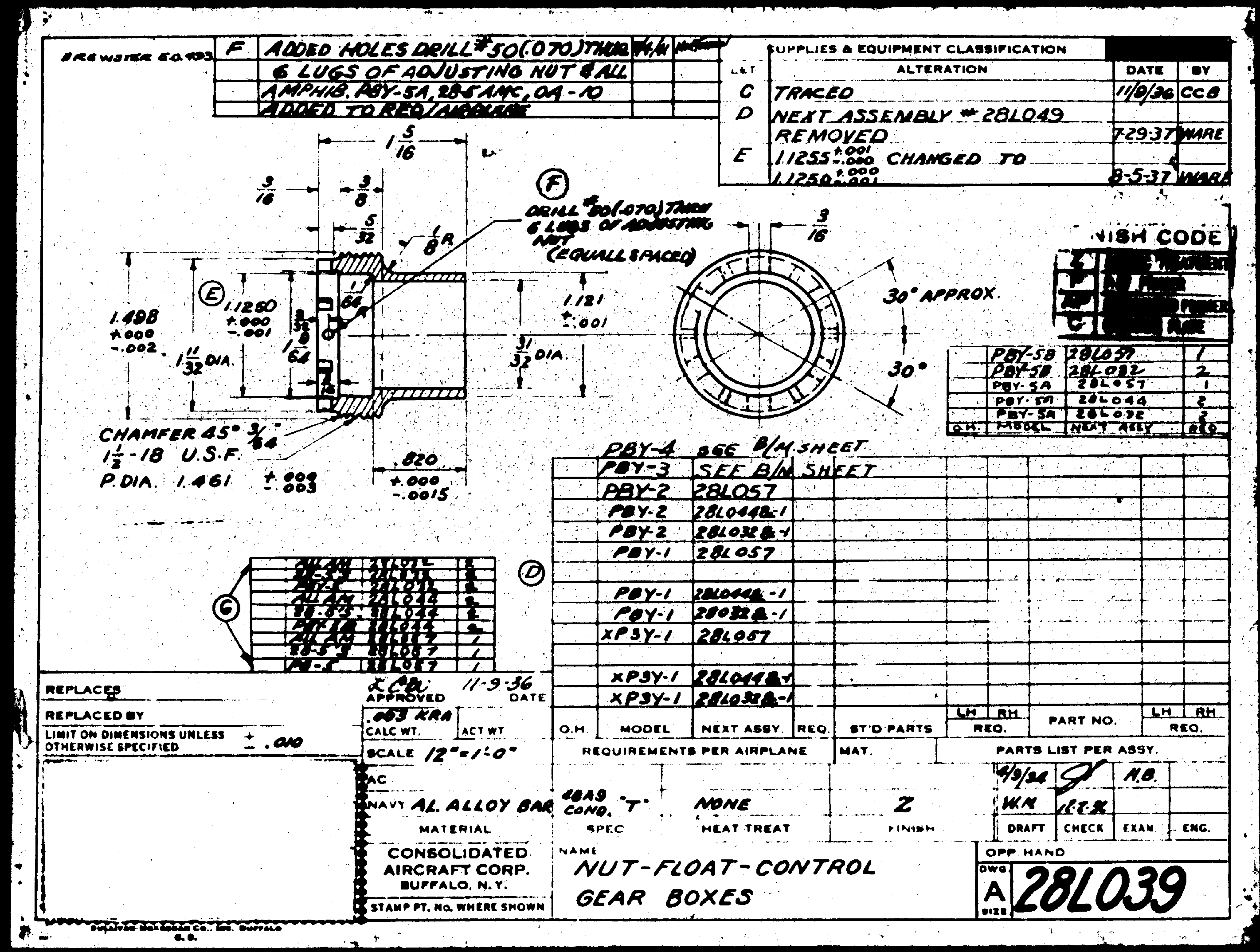
OPP. HAND

DWG. SIZE A — 28L031

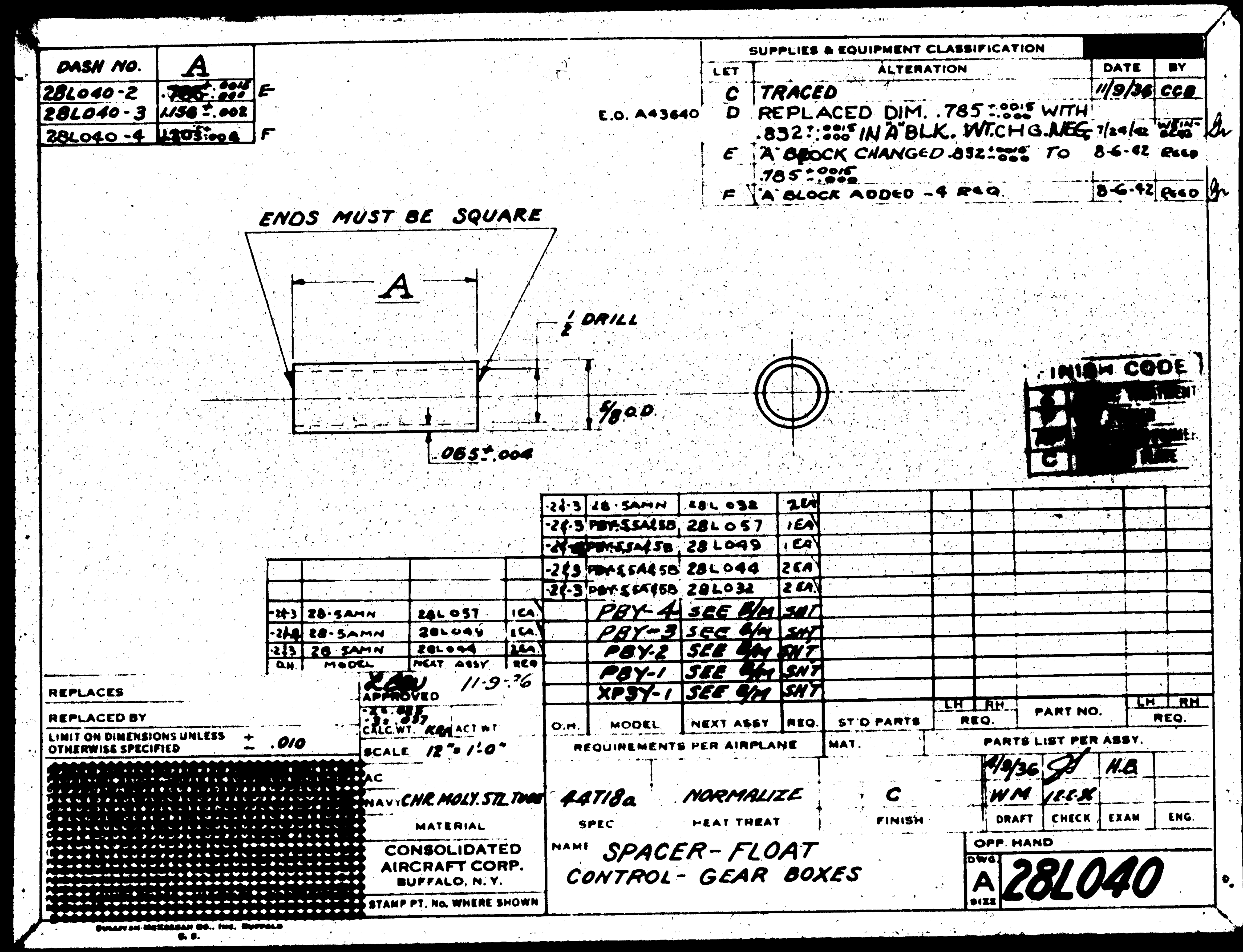

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
F | TRACED | 11/13/36 | CGB
G | INCORP. C.O. # 5285 | 12.29.37
H | ADDED #30(.070) INSPECTION HOLE | 3-8-40
J | REMOVED DRILL 1/4 - 2 3/4 DEEP
DRILL #50 (.070) ONE WALL ONLY
RELIEVE 1/64 ON DIA. X 1/32 WIDE WITH 1/64 R (APPROX)
FINISH OUTSIDE: C-P-2 ... -OVER INDICATED PORTION ONLY
FINISH INSIDE C
BREAK CORNER 1/32
3 9/16
1 9/32
1 3/32
1 15/16
1 11/64
7/32
17/64
5/8 DIA.
15/32
1/16 R
.249 +.000 -.003
CHAMFER 1/32 X 45°
1.100 +.000 -.005
9/32
BREAK CORNER
.4995 +.000 -.001
1/32 R
.4995 +.000 -.001
DRILL #48 (.076)
1/4-28 NF3
P.D. .2268 +.0000 -.0022
RADIAL RELATION OF SLOT & HOLES OF NO IMPORTANCE
GP-GREEN PRIME
.141 +.005 -.000
.125 +.000 -.001
.4835 +.000 -.001
SECTION A-A
DRILL #10 (.193) THRU 2 HOLES
PBY-5A | 28L044 | 2
PBY-5 | 28L044
PBY-4, PBY-3, PBY-2, PBY-1 | 28L044 & -1
XP3Y-1 | 28L049
XP3Y-1 | 28L044 & -1
PBY-5B | 28L044 | 2
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED 11-13-36 DATE
CALC. WT. | ACT. WT.
SCALE 12" = 1'
AC
NAVY CHR. MOLY. BAR | 46S23 | NAF SH878-1(126,000) | NOTED
MATERIAL | SPEC. | HEAT TREAT | FINISH
WM | DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME SHAFT - FLOAT - CONTROL GEAR BOXES
OPP. HAND
DWG. A SIZE 28L034

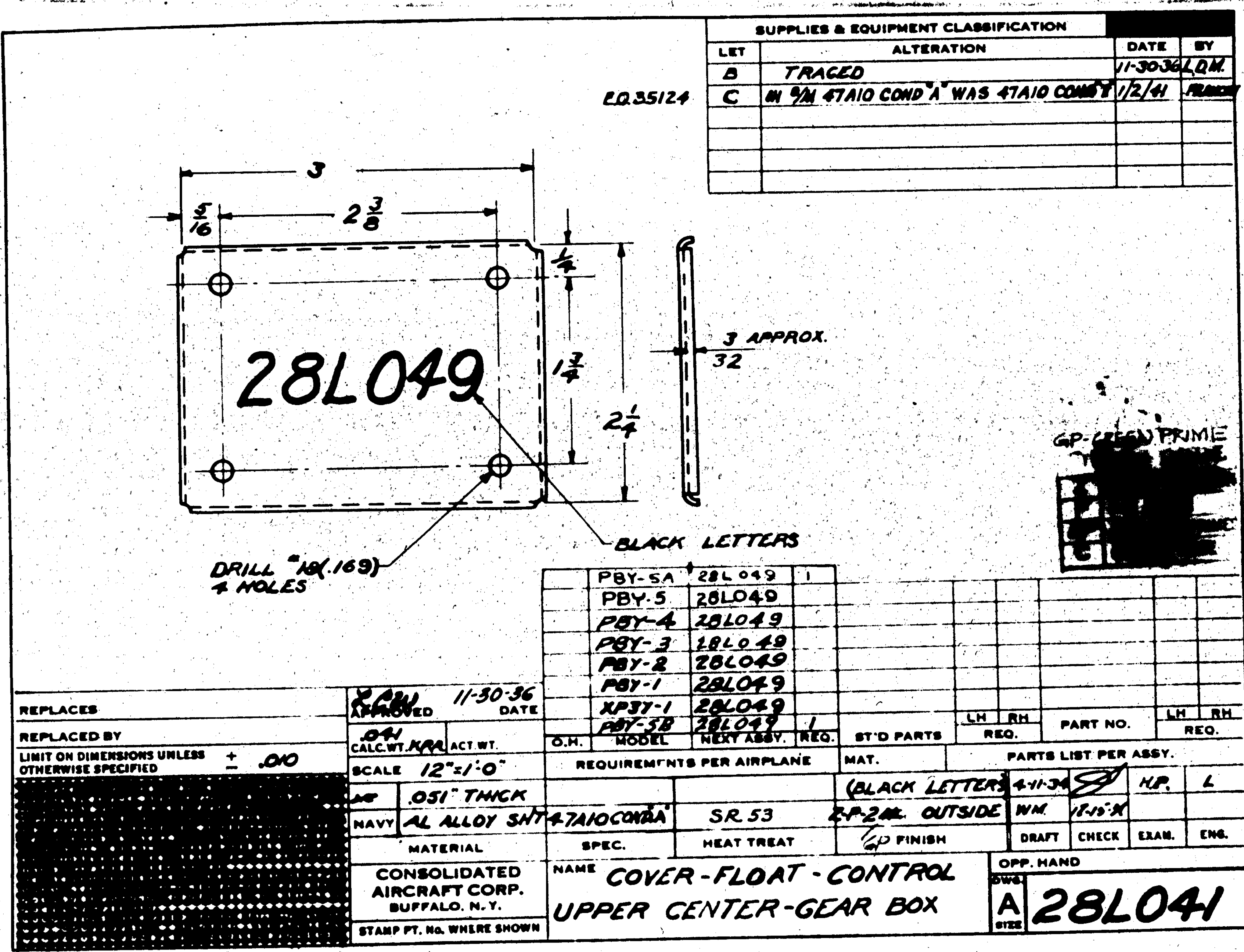

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY.
D | TRACED | 11/9/36 | CCB
E | INCORP. C.O. # 5285 | 12-30-37
.5615 +.000 -.001
.188 +.005 -.000
.125 +.000 -.001
3 29/32
15/16
2 5/8
DRILL # 48 (.076) RADIAL RELATION OF KEYSLOT HOLE OR SQUARE OF NO IMPORT.
1/4-28 NF3 THD. PITCH DIA. .2268 +.0000 -.0022
.500 ±.001
5/8
3/16
13/32
11/16
3/8
1/16
9/16
9/32
13/32 DIA.
1/16
3/32
.249 +.000 -.003
27/32
.693 ±.006
33/64 DIA.
45/64 +.010 -.003 DIA.
5/16 R
.4996 +.000 -.001
7/32 DIA.
.4995 +.000 -.006
.590 +.000 -.001
CHAMFER 1/32 x 45°
CHAMFER 1/32 x 45°
FINISH CODE
2
P
AP
C
RELIEVE 1/64 ON DIA. x 1/32 WIDE
1/64 R APPROX.
PBY-5A | 28L032 | 2
PBY-4 | 28L032-1
PBY-3 | 28L032-1
PBY-2 | 28L032-1
PBY-1 | 28L032-1
XP3Y-1 | 28L032-1
PBY-5B | 28L032 | 2
O.H. | MODEL | NEXT ASSY | REQ
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED 11-9-36 DATE
.234 CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
MAT.
PARTS LIST PER ASSY
AC
NAVY CHR. MOLY. BAR
46S23
NAF. SH276-3 (150,000)
C-LARGE END ONLY
11/9/36 WM
DRAFT CHECK EXAM ENG.
MILLER
MATERIAL SPEC HEAT TREAT FINISH
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME SHAFT-FLOAT CONTROL-OUTER REAR GEAR BOX
OPP. HAND
DWG. A SIZE 28L036


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C TRACED 11-9-36 CCB
D ADDED PB2Y-2 REQ'MTS (29H1030) 8-31-39
E ADDED DRILL NOTE & HOLES. BR'OT. REQ'MTS. UP TO DATE. 8-4-41
DRILL #50 (.070) HOLES THRU 6 LUGS OF ADJUSTING NUT. (EQUALLY SPACED)
E
11/16
5/16
1/4
5/32
3/16
1.498 +.000 -.002
1 11/32 DIA.
1 5/32 DIA.
30° APPROX.
30°
CHAMFER 45° 3/64
1/16 R
THD 1 1/2 - 18 U.S.F.
P.DIA. 1.461 +.000 -.003
PBY-5A 28L049
PBY-5A 28L044
PBY-5A 28L032
PBY-5 28L049 1
PBY-5 28L044 2
PBY-5 28L032 2
ALL 28's 28L049 1
ALL AMPHIB. 28L049 1
ALL 28's 28L044 2
ALL AMPHIB. 28L044 2
ALL 28's 28L032 2
ALL AMPHIB. 28L032 2
O.H. MODEL NEXT ASSY. REQ.
PB2Y-2 29H1030 1
PBY-3-4 28L049
PBY-3-4 28L044B-1
PBY-3-4 28L032B-1
PBY-1-2 28L049
PBY-1-2 28L044B-1
PBY-1-2 28L032B-1
XP3Y-1 28L049
XP3Y-1 28L044B-1
XP3Y-1 28L032B-1
FINISH CODE
Z
P
AP
C
11-9-36
APPROVED DATE
.049 KRA
CALC. WT ACT. WT
O.H. MODEL NEXT ASSY REQ. STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT
PARTS LIST PER ASSY.
AL. ALLOY BAR 46A9 COND T
NONE
Z
MATERIAL SPEC HEAT TREAT FINISH
4/6/34 HB
WM
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP BUFFALO, N.Y.
NUT - FLOAT - CONTROL GEAR BOXES
STAMP PT. No. WHERE SHOWN
OPP. HAND
DWG. A SIZE
28L038

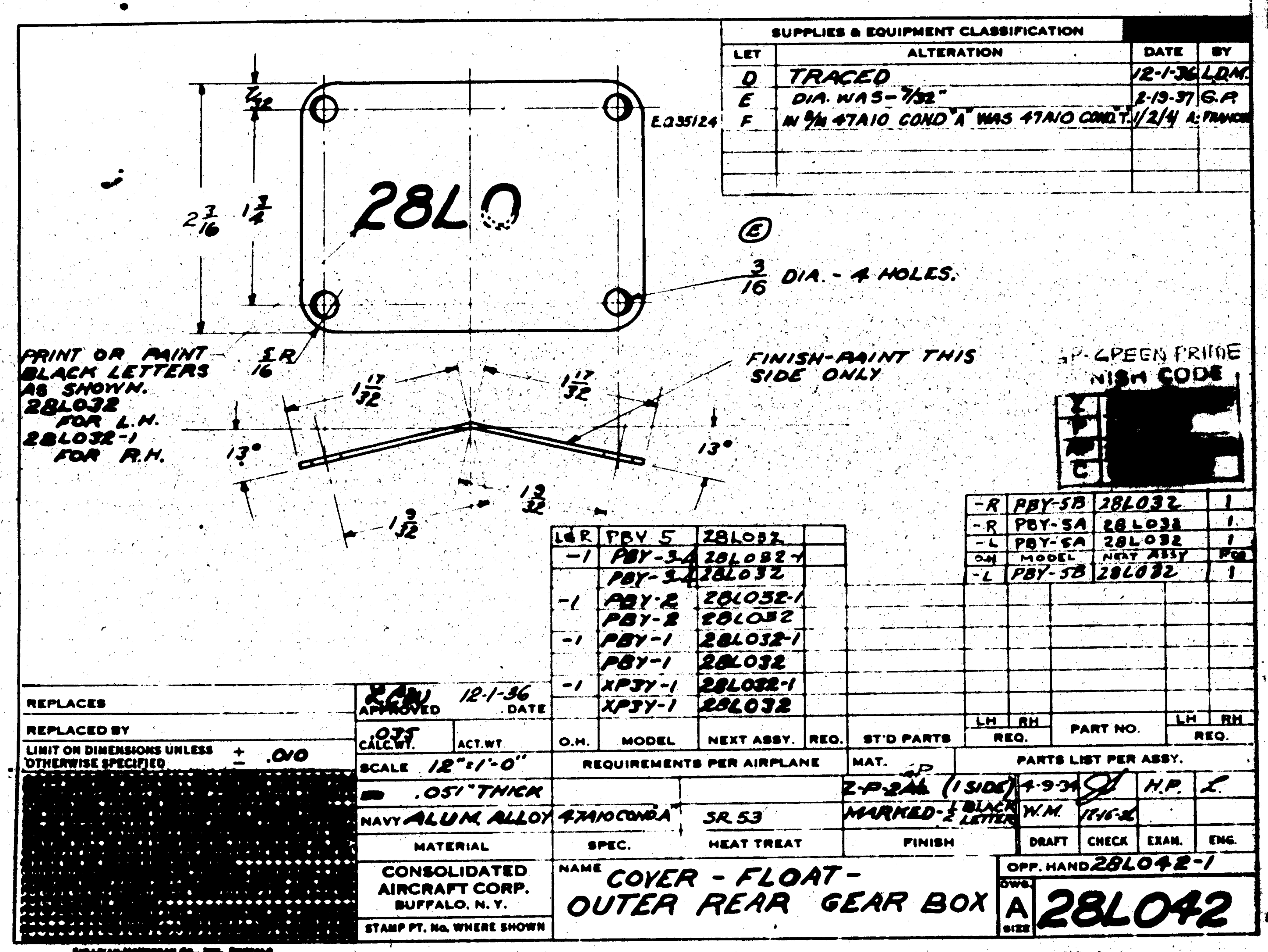


BREWSTER E.O. 403
F ADDED HOLES DRILL #50(.070) THRU 6 LUGS OF ADJUSTING NUT & ALL AMPHIB. PBY-5A, 28-5 AMC, OA-10 ADDED TO REQ/AIRPLANE
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C TRACED 11/9/36 CCB
D NEXT ASSEMBLY # 28L049 REMOVED 7-29-37 WARE
E 1.1255 +.001 -.000 CHANGED TO 1.1250 +.000 -.001 8-5-37 WARE
1 5/16
3/16
3/8
5/32
1/8 R
DRILL #50(.070) THRU 6 LUGS OF ADJUSTING NUT (EQUALL SPACED)
9/16
1.121 +.001
30° APPROX.
30°
1.498 +.000 -.002
1.1250 +.000 -.001
1 11/32 DIA.
1/64
31/32 DIA.
CHAMFER 45° 3/64
1 1/2 -18 U.S.F.
P. DIA. 1.461 +.000 -.003
.820 +.000 -.0015
FINISH CODE
PBY-5B 28L039 1
PBY-5B 28L032 2
PBY-5A 28L057 1
PBY-5A 28L044 2
PBY-5A 28L032 2
O.H. MODEL NEXT ASSY REQ.
PBY-4 SEE B/M SHEET
PBY-3 SEE B/M SHEET
PBY-2 28L057
PBY-2 28L044B-1
PBY-2 28L032B-1
PBY-1 28L057
PBY-1 28L044B-1
PBY-1 28L032B-1
XP3Y-1 28L057
XP3Y-1 28L044B-1
XP3Y-1 28L032B-1
O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
APPROVED 11-9-36 DATE
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
.053 KRA
CALC WT.
ACT WT
SCALE 12" = 1'-0"
AC
NAVY AL. ALLOY BAR
24S CONG. "T"
NONE
Z
MATERIAL
SPEC
HEAT TREAT
FINISH
DRAFT CHECK EXAM. ENG.
H.B.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
NUT-FLOAT-CONTROL GEAR BOXES
OPP. HAND
DWG. A SIZE
28L039

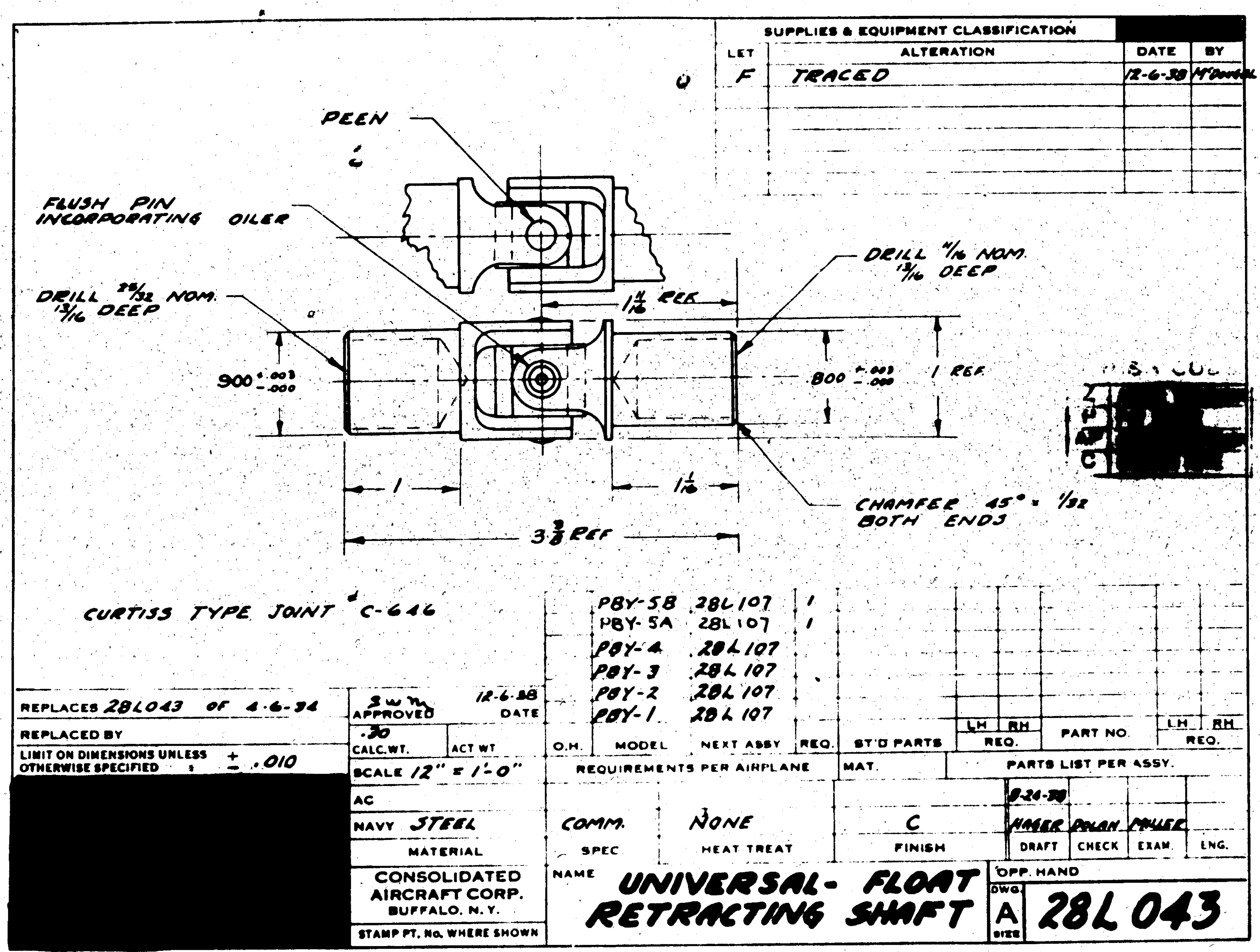

DASH NO.
A
28L040-2
28L040-3
1.156 ± .002
28L040-4
E
F
E.O. A43640
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
C
TRACED
11/9/36
CCB
D
REPLACED DIM. .785 +.0015 -.000 WITH .832 +.0015 -.000 IN "A" BLK. WT. CHG. NEG.
7/24/42
E
"A" BLOCK CHANGED .832 +.0015 -.000 TO .785 +.0015 -.000
8-6-42
F
"A" BLOCK ADDED -4 REQ.
8-6-42
ENDS MUST BE SQUARE
A
1/2 DRILL
5/8 O.D.
.065 ± .004
FINISH CODE
C
O.H.
MODEL
NEXT ASSY
REQ.
-2&3
28-SAMN
28L057
1EA.
-2&3
28-SAMN
28L049
1EA.
-2&3
28-SAMN
28L044
2EA.
-2&3
28-SAMN
28L032
2EA
28L057
1EA
28L049
1EA
28L044
2EA
28L032
2EA.
PBY-4
SEE B/M
SHT
PBY-3
SEE B/M
SHT
PBY-2
SEE B/M
SHT
PBY-1
SEE B/M
SHT
XPBY-1
SEE B/M
SHT
REQUIREMENTS PER AIRPLANE
ST'D PARTS
LH
RH
REQ.
PART NO.
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010
APPROVED
11-9-36
CALC. WT.
ACT WT
SCALE 12" = 1'-0"
AC
NAVY
CHR. MOLY. STL. TUBE
MATERIAL
44T18a
SPEC
NORMALIZE
HEAT TREAT
C
FINISH
11/9/36
H.B.
WM
12-8-36
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
SPACER-FLOAT CONTROL-GEAR BOXES
OPP. HAND
DWG.
A
SIZE
28L040



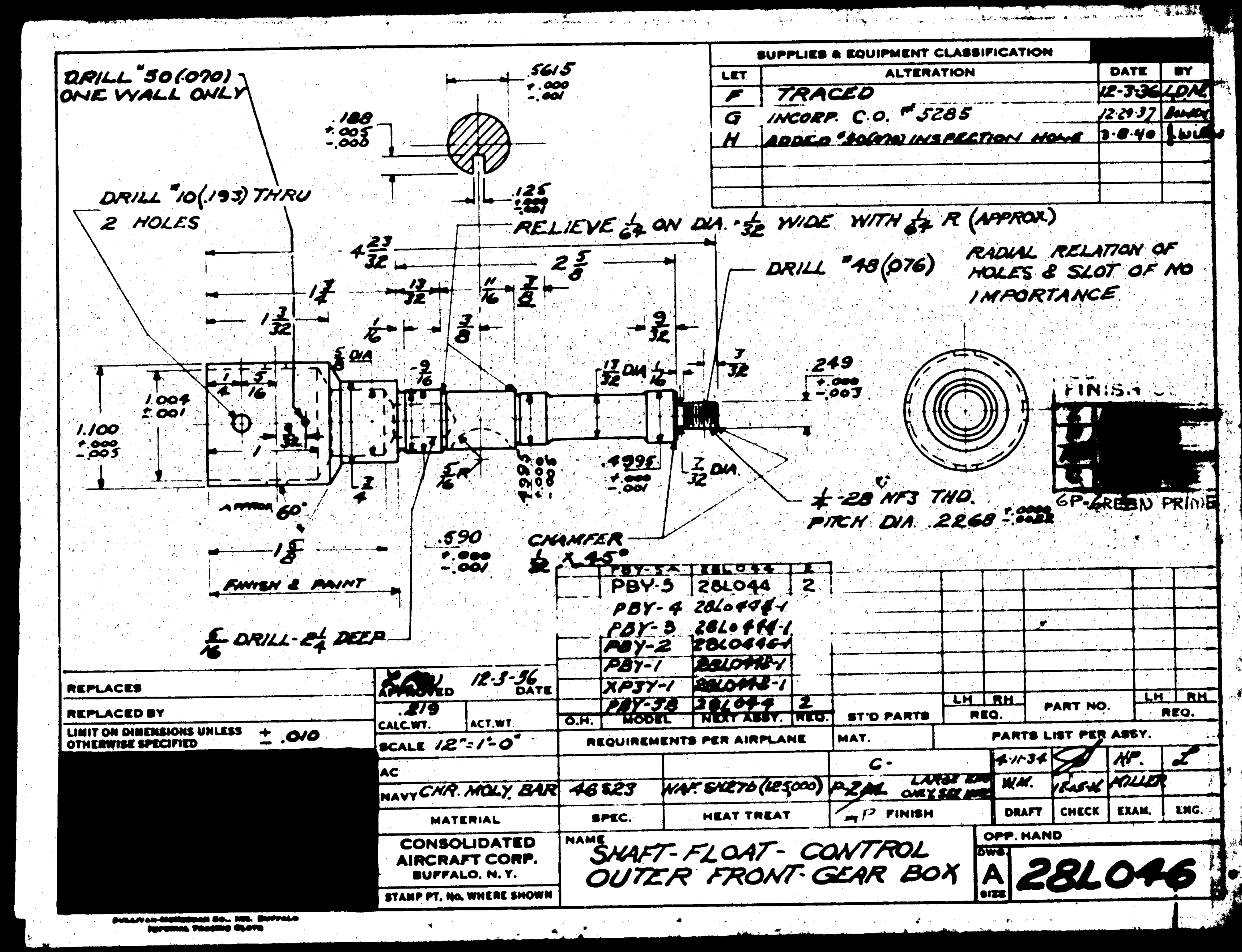
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
11-30-36
L.D.M.
C
IN B/M 47A10 COND "A" WAS 47A10 COND "B"
1/2/41
E.O. 35124
3
5/16
2 3/8
1/4
1 3/4
2 1/4
3/32 APPROX.
28L049
BLACK LETTERS
DRILL #18 (.169)
4 HOLES
GP-[redacted] PRIME
[redacted]
PBY-5A 28L049 1
PBY-5 28L049
PBY-4 28L049
PBY-3 28L049
PBY-2 28L049
PBY-1 28L049
XP3Y-1 28L049
PBY-5B 28L049 1
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
APPROVED
11-30-36
DATE
REPLACED BY
.041
CALC. WT.
ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010
SCALE 12"=1'-0"
.051" THICK
NAVY
AL ALLOY SHT
47A10 COND "A"
SR 53
(BLACK LETTERS
Z-P-2 AL. OUTSIDE
4-11-36
H.P.
L
W.M.
12-15-36
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
COVER-FLOAT-CONTROL
UPPER CENTER-GEAR BOX
OPP. HAND
DWG. SIZE
A
28L041



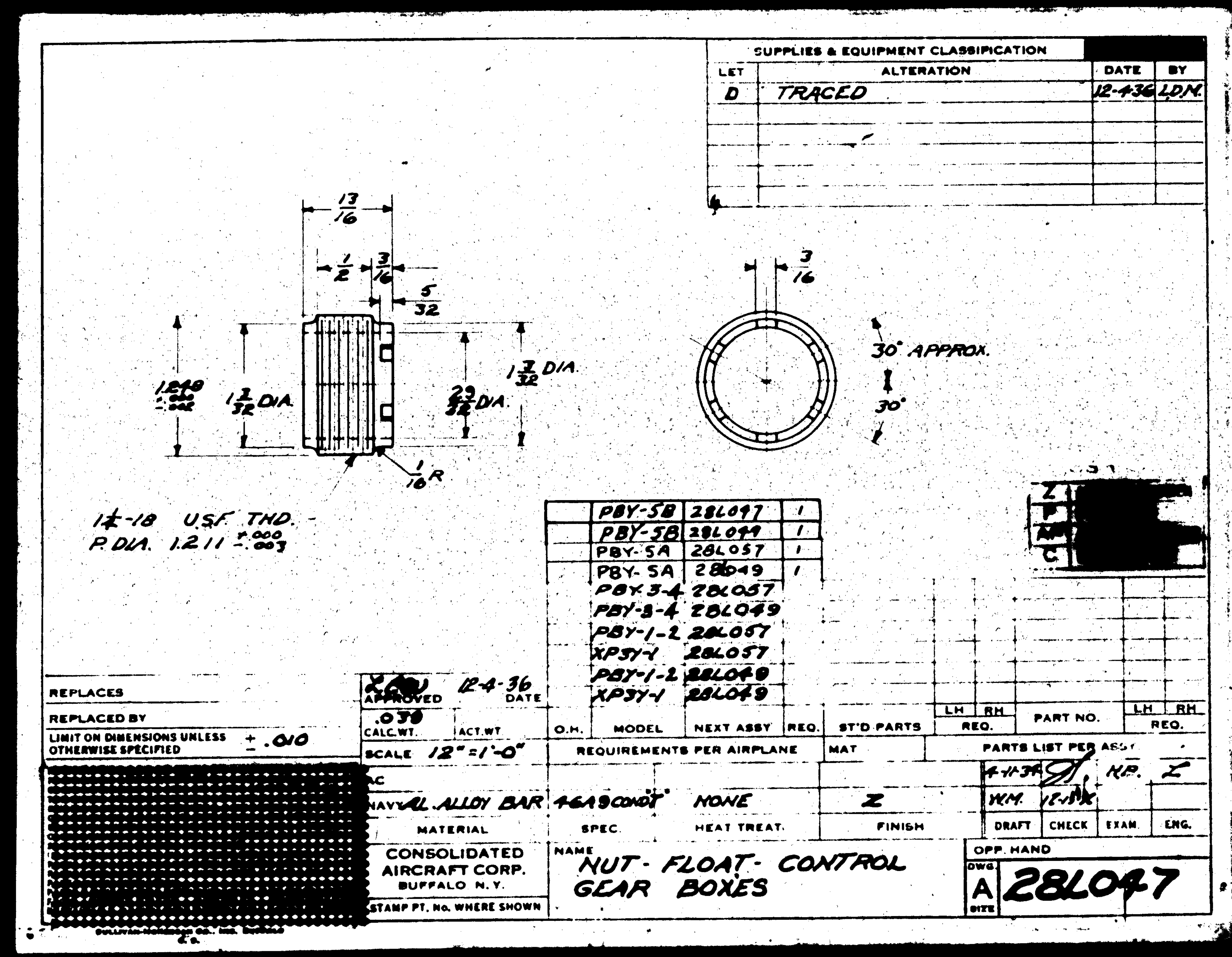
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
D | TRACED | 12-1-36 | LDM
E | DIA. WAS - 7/32" | 2-19-37 | G.P.
F | IN B/M 47A10 COND "A" WAS 47A10 COND T. | 1/2/41 | A. FRANCE
E.O.35124
28L0
7/32
2 3/16
1 3/4
(E)
3/16 DIA. - 4 HOLES.
PRINT OR PAINT BLACK LETTERS AS SHOWN.
28L032 FOR L.H.
28L032-1 FOR R.H.
5 R 16
1 17/32
1 17/32
13°
13°
1 9/32
1 9/32
FINISH-PAINT THIS SIDE ONLY
GP-GREEN PRIME
FINISH CODE
C
-R | PBY-5B | 28L032 | 1
-R | PBY-5A | 28L032 | 1
-L | PBY-5A | 28L032 | 1
O.H. | MODEL | NEXT ASSY | REQ.
-L | PBY-5B | 28L032 | 1
L&R | PBY 5 | 28L032
-1 | PBY-3 | 28L032-1
PBY-3 | 28L032
-1 | PBY-2 | 28L032-1
PBY-2 | 28L032
-1 | PBY-1 | 28L032-1
PBY-1 | 28L032
-1 | XP3Y-1 | 28L032-1
XP3Y-1 | 28L032
O.H. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS
LH | RH | REQ.
PART NO.
LH | RH | REQ.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED 12-1-36 DATE
.035 CALC.WT.
ACT.WT.
SCALE 12"=1'-0"
.051" THICK
NAVY ALUM. ALLOY | 47A10 COND A | SR 53
MATERIAL | SPEC. | HEAT TREAT
MAT.
Z-P-2 (1 SIDE)
MARKED - 1/2 BLACK LETTER
FINISH
4-9-34 | H.P. | L.
W.M. | 12-16-36
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME COVER - FLOAT - OUTER REAR GEAR BOX
OPP. HAND 28L042-1
DWG. A SIZE 28L042

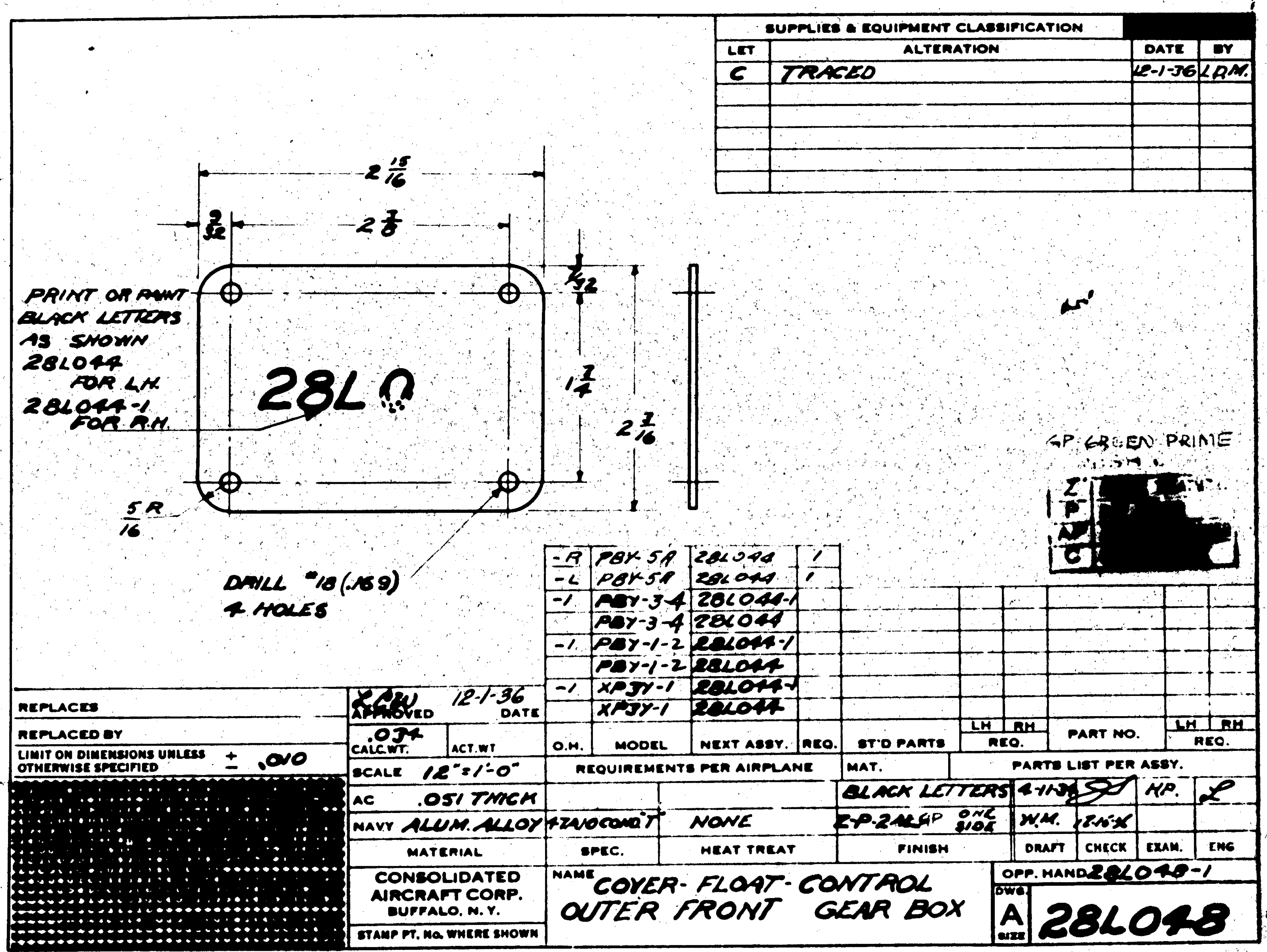


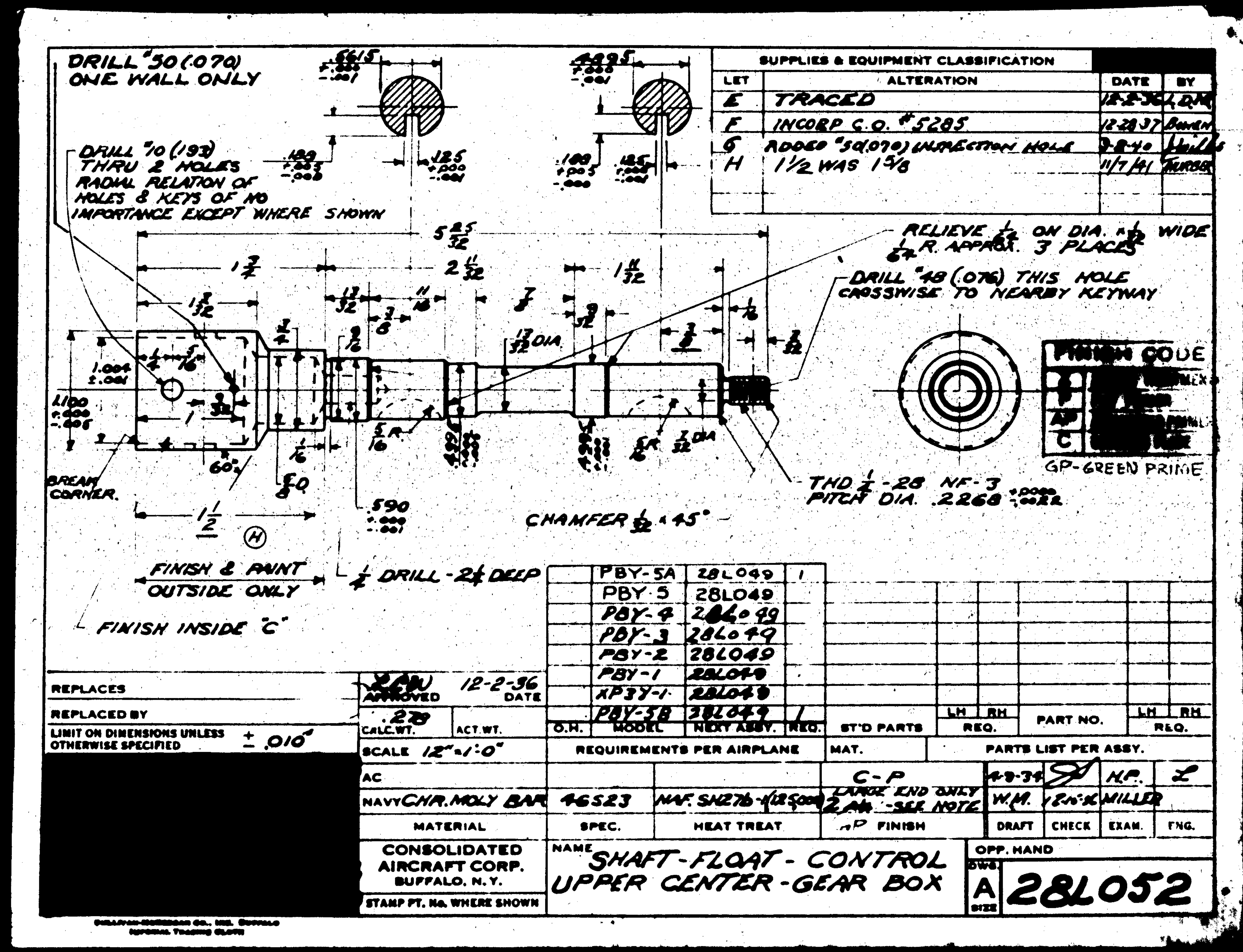
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
F
TRACED
12-6-38
McDOUGAL
PEEN
FLUSH PIN INCORPORATING OILER
DRILL 11/16 NOM. 13/16 DEEP
DRILL 25/32 NOM. 13/16 DEEP
1 11/16 REF
900 +.003 -.000
.800 +.003 -.000
1 REF.
1
1 1/16
3 3/8 REF
CHAMFER 45° x 1/32 BOTH ENDS
[redacted]
CURTISS TYPE JOINT C-646
PBY-5B 28L107 1
PBY-5A 28L107 1
PBY-4 28L107
PBY-3 28L107
PBY-2 28L107
PBY-1 28L107
REPLACES 28L043 OF 4-6-34
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
SWM
APPROVED
12-6-38
DATE
.30
CALC. WT.
ACT WT
O.H.
MODEL
NEXT ASSY
REQ.
ST'D PARTS
LH RH
REQ.
PART NO.
LH RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
9-24-38
NAVY STEEL
COMM.
NONE
C
HAGER
DOLAN
MILLER
MATERIAL
SPEC
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
[redacted]
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
UNIVERSAL- FLOAT RETRACTING SHAFT
OPP. HAND
DWG.
A
SIZE
28L043
STAMP PT. No. WHERE SHOWN
SULLIVAN-McKEEGAN Co., INC. BUFFALO

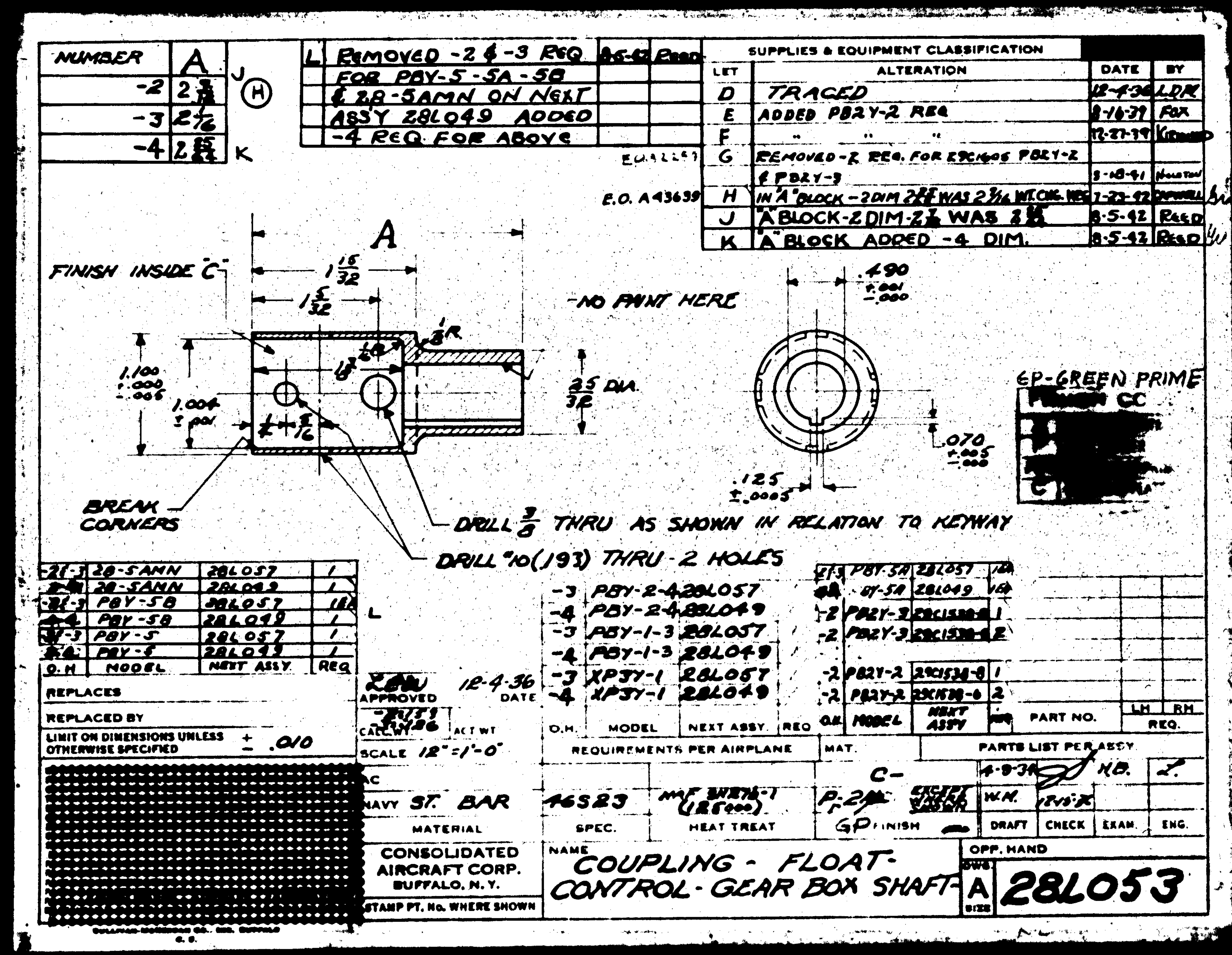


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
F | TRACED | 12-3-36 | LDN
G | INCORP. C.O. # 5285 | 12-29-37
H | ADDED #50(.070) INSPECTION HOLE | 3-8-40
DRILL #50(.070) ONE WALL ONLY
.5615 +.000 -.001
.188 +.005 -.000
.125
DRILL #10(.193) THRU 2 HOLES
RELIEVE 1/64 ON DIA. • 1/32 WIDE WITH 1/64 R (APPROX)
4 23/32
2 5/8
DRILL #48(.076)
RADIAL RELATION OF HOLES & SLOT OF NO IMPORTANCE
1 3/4
13/32
11/16
7/8
1 3/32
1/16
3/8
9/32
5/8 DIA
9/16
13/32 DIA
1/16
3/32
.249 +.000 -.003
1.004 ±.001
1.100 +.000 -.005
1/4
5/16
3/32
1
3/4
5/16 R
.4995 +.000 -.001
7/32 DIA.
1/4-28 NF3 THD.
PITCH DIA. .2268
APPROX 60°
1 5/8
.590 +.000 -.001
CHAMFER 1/32 X 45°
FINISH & PAINT
5/16 DRILL-2 1/4 DEEP
GP-GREEN PRIME
PBY-5A | 28L044
PBY-5 | 28L044 | 2
PBY-4 | 28L044-1
PBY-3 | 28L044-1
PBY-2 | 28L044-1
PBY-1 | 28L044-1
XP3Y-1 | 28L044-1
PBY-5B | 28L044 | 2
O.H. | MODEL | NEXT ASSY. | REQ.
ST'D PARTS
LH | RH | REQ.
PART NO.
LH | RH | REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED 12-3-36 DATE
.219 CALC.WT.
ACT.WT.
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
C-
4-11-34
NAVY CHR. MOLY BAR
46S23
NAF SN276 (125,000)
W.M.
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME SHAFT-FLOAT-CONTROL OUTER FRONT-GEAR BOX
OPP. HAND
DWG. A SIZE
28L046

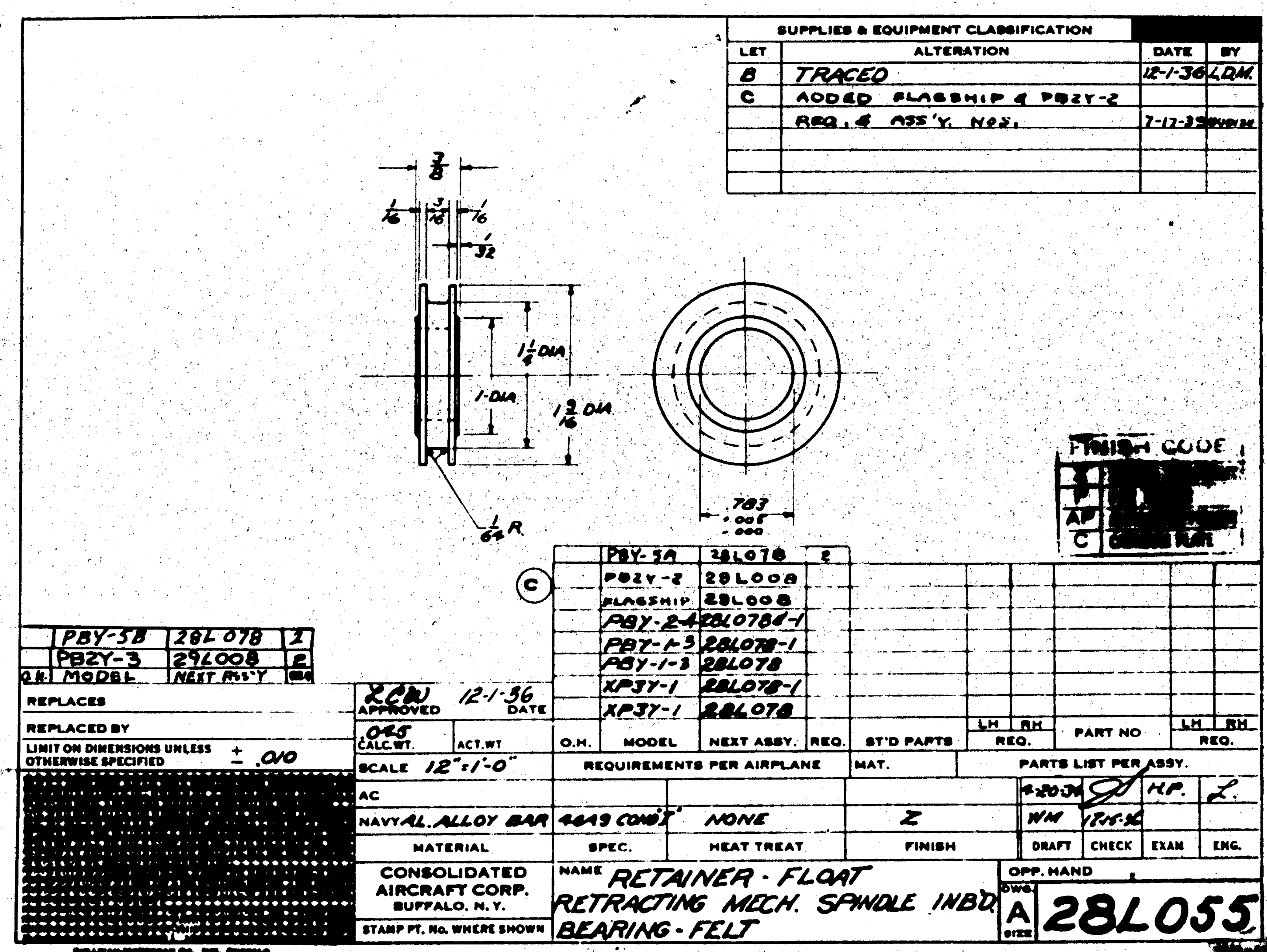

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
D | TRACED | 12-4-36 | LDM.
13/16
1/2
3/16
5/32
1.248 +.000 -.002
1 7/32 DIA.
29/32 DIA.
1 7/32 DIA.
1/16 R
3/16
30° APPROX.
30°
1 1/4-18 U.S.F. THD.
P. DIA. 1.211 +.000 -.003
Z
P
M
C
[redacted]
PBY-5B | 28L047 | 1
PBY-5B | 28L049 | 1
PBY-5A | 28L057 | 1
PBY-5A | 28L049 | 1
PBY-3-4 | 28L057
PBY-3-4 | 28L049
PBY-1-2 | 28L057
XP3Y-1 | 28L057
PBY-1-2 | 28L049
XP3Y-1 | 28L049
O.H. | MODEL | NEXT ASSY | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE | MAT | PARTS LIST PER ASSY
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED 12-4-36 DATE
.039 CALC. WT.
ACT. WT
SCALE 12" = 1'-0"
AC
NAVY AL. ALLOY BAR | 46A9 COND.T | NONE | Z
MATERIAL | SPEC. | HEAT TREAT. | FINISH
4-11-38 | H.P. | Z
W.M. | 12-18
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO N.Y.
STAMP PT. No. WHERE SHOWN
NAME NUT - FLOAT - CONTROL GEAR BOXES
OPP. HAND
DWG. SIZE A 28L047


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C | TRACED | 12-1-36 | LRM.
2 15/16
9/32
2 7/8
PRINT OR PAINT BLACK LETTERS AS SHOWN
28L044 FOR L.H.
28L044-1 FOR R.H.
28L0
1 7/4
2 7/16
5R/16
DRILL #18 (.169) 4 HOLES
GP GREEN PRIME
[redacted]
-R | PBY-5A | 28L044 | 1
-L | PBY-5A | 28L044 | 1
-1 | PBY-3-4 | 28L044-1
PBY-3-4 | 28L044
-1 | PBY-1-2 | 28L044-1
PBY-1-2 | 28L044
-1 | XP3Y-1 | 28L044-1
XP3Y-1 | 28L044
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED 12-1-36 DATE
.034 CALC. WT.
ACT. WT
SCALE 12"=1'-0"
AC .051 THICK
NAVY ALUM. ALLOY
MATERIAL
SPEC.
HEAT TREAT
NONE
FINISH
BLACK LETTERS
DRAFT W.M.
CHECK
EXAM.
ENG
H.P.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. NO. WHERE SHOWN
NAME COVER-FLOAT-CONTROL OUTER FRONT GEAR BOX
OPP. HAND 28L048-1
DWG. A SIZE 28L048


DRILL #30 (.070) ONE WALL ONLY
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
E | TRACED | 12-2-36 |
F | INCORP C.O. #5285 | 12-28-37 |
G | ADDED #50(.070) INSPECTION HOLE | 3-8-40 |
H | 1 1/2 WAS 1 5/8 | 11/7/41 |
DRILL #10 (.193) THRU 2 HOLES RADIAL RELATION OF HOLES & KEYS OF NO IMPORTANCE EXCEPT WHERE SHOWN
RELIEVE 1/64 ON DIA. x 1/32 WIDE 1/64 R. APPROX. 3 PLACES
DRILL #48 (.076) THIS HOLE CROSSWISE TO NEARBY KEYWAY
17/32 DIA
FINISH CODE
[redacted]
GP-GREEN PRIME
BREAK CORNER.
THD 1/4-28 NF-3 PITCH DIA. .2268 +.0000 -.0022
CHAMFER 1/32 x 45°
FINISH & PAINT OUTSIDE ONLY
1/4 DRILL - 2 1/4 DEEP
FINISH INSIDE "C"
PBY-5A 28L049 1
PBY-5 28L049
PBY-4 28L049
PBY-3 28L049
PBY-2 28L049
PBY-1 28L049
XP3Y-1 28L049
PBY-5B 28L049 1
O.H. MODEL NEXT ASSY. REQ.
ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010"
APPROVED 12-2-36 DATE
.278 CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
C-P
NAVY CHR. MOLY BAR 46S23 NAF SH27b-(125000) LARGE END ONLY 2 AN -SEE NOTE
W.M. MILLER
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME SHAFT - FLOAT - CONTROL UPPER CENTER - GEAR BOX
OPP. HAND
DWG. A SIZE 28L052



NUMBER A
-2 2 7/8
-3 2 1/16
-4 2 25/32
J H K
L REMOVED -2 & -3 REQ FOR PBY-5-5A-5B & 28-5AMN ON NEXT ASSY 28L049 ADDED -4 REQ FOR ABOVE
SUPPLIES & EQUIPMENT CLASSIFICATION
LET ALTERATION DATE BY
D TRACED 12-4-36 LDR
E ADDED PB2Y-2 REQ 8-16-39 FOX
F " " " 12-27-39
G REMOVED -2 REQ. FOR 29C1606 PB2Y-2 & PB2Y-3 3-18-41
E.O. A43639
H IN "A" BLOCK -2 DIM 2 7/8 WAS 2 3/16 7-23-42
J "A" BLOCK -2 DIM 2 7/8 WAS 2 25/32 8-5-42 REED
K "A" BLOCK ADDED -4 DIM. 8-5-42 REED
A
FINISH INSIDE "C"
1 15/32
1 5/32
1/8 R
-NO PAINT HERE
.490 +.001 -.000
1.100 +.000 -.005
1.004 ±.001
25/32 DIA.
GP-GREEN PRIME
[redacted]
.070 +.005 -.000
.125 ±.0005
BREAK CORNERS
DRILL 3/8 THRU AS SHOWN IN RELATION TO KEYWAY
DRILL #10 (.193) THRU - 2 HOLES
28-5AMN 28L057 1
28-5AMN 28L049 1
PBY-5B 28L057
PBY-5B 28L049 1
PBY-5 28L057 1
PBY-5 28L049 1
O.H. MODEL NEXT ASSY REQ
-3 PBY-2-4 28L057
-4 PBY-2-4 28L049
-3 PBY-1-3 28L057
-4 PBY-1-3 28L049
-3 XP3Y-1 28L057
-4 XP3Y-1 28L049
O.H. MODEL NEXT ASSY. REQ
PBY-5A 28L057
PBY-5A 28L049
-2 PB2Y-3 1
-2 PB2Y-3 2
-2 PB2Y-2 1
-2 PB2Y-2 2
O.H. MODEL NEXT ASSY PART NO. LH RH REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED 12-4-36 DATE
CALC. WT. ACT WT
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
C-
4-9-36
NAVY ST. BAR 46S23
HEAT TREAT
GP FINISH
MATERIAL SPEC.
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME COUPLING - FLOAT - CONTROL - GEAR BOX SHAFT -
OPP. HAND
DWG SIZE A 28L053


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED | 12-1-36 | LDM.
C | ADDED FLAGSHIP & PB2Y-2 REQ. & ASS'Y. NOS. | 7-17-39
7/8
1/16
3/16
1/16
1/32
1 1/4 DIA
1-DIA
1 9/16 DIA
1/64 R.
.783 +.005 -.000
FINISH CODE
AF
C
[redacted]
PBY-5A | 28L078 | 2
PB2Y-2 | 28L008
FLAGSHIP | 28L008
PBY-2-4 | 28L078-1
PBY-1-3 | 28L078-1
PBY-1-3 | 28L078
XP3Y-1 | 28L078-1
XP3Y-1 | 28L078
PBY-5B | 28L078 | 2
PB2Y-3 | 29L008 | 2
O.H. | MODEL | NEXT ASS'Y | REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
LCW 12-1-36
APPROVED DATE
.025
CALC. WT.
ACT. WT.
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH | RH | REQ. | PART NO | LH | RH | REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY AL. ALLOY BAR | 4619 COND. T | NONE | Z
MATERIAL | SPEC. | HEAT TREAT | FINISH
WM | 12-1-36 | H.P. | L.
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME RETAINER - FLOAT RETRACTING MECH. SPINDLE INBD. BEARING - FELT
OPP. HAND
DWG. A SIZE
28L055

DASH NO	A
28L056-2	1 3/8
28L056-3	1 1/8

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED	11-16-36	H.K.W.
C	ADDED FLAGSHIP & PB2Y-2		
	REQ. & ASS'Y. NOS.	7-17-39	[illegible]
D	MAT'L. "FELT, S.A.E. F-13, 27F7 GR. A"		
	WAS "HARD FELT, 27F7" WT. CHG. NEG.	10-26-42	[illegible]

3/16

3/16

A

MAY BE SPLIT

O.H.	MODEL	NEXT ASSY.	REQ.
-3	28-5MN&AMN	28L006	2EA.
-2	28-5MN&AMN	28L078	2EA.
-3	28-5MC&AMC	28L006	2EA.
-2	28-5MC&AMC	28L078	2EA.
-3	28-5MA&AME	28L006	2EA.
-2	28-5MA&AME	28L078	2EA.
-3	PBY-5A&5B	28L006	2EA.
-2	PBY-5A&5B	28L078	2EA.
-3	PBY-5	28L006	2
-2	PBY-5	28L078	2
-3	PB2Y-2	29L006	2

(C)

O.H.	MODEL	NEXT ASSY.	REQ.
-3	PB2Y-3	29L006	2
-3	PBY-5A&B	28L006	2EA.
-2	PBY-5A&B	28L078	2EA.
-2	PB2Y-2	29L008	
-2	FLAGSHIP	29L008	
-3	PBY-2-4	28L006	
-2	PBY-2-4	28L078-1	
-3	PBY-1-3	28L006	
-2	PBY-1-3	28L078-1	
-3	XP3Y-1	28L006	
-2	XP3Y-1	28L078-1	
-2	PB2Y-3	29L008	2

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED [illegible] DATE 11-16-36

CALC. WT. [illegible] ACT. WT.

SCALE NONE

AC

NAVY FELT S.A.E. F-13

MATERIAL	SPEC.	HEAT TREAT	FINISH
FELT S.A.E. F-13	27F7 GR. A	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
9-17-36	[illegible]	N.B.	[illegible]
WKM	10-1-36		

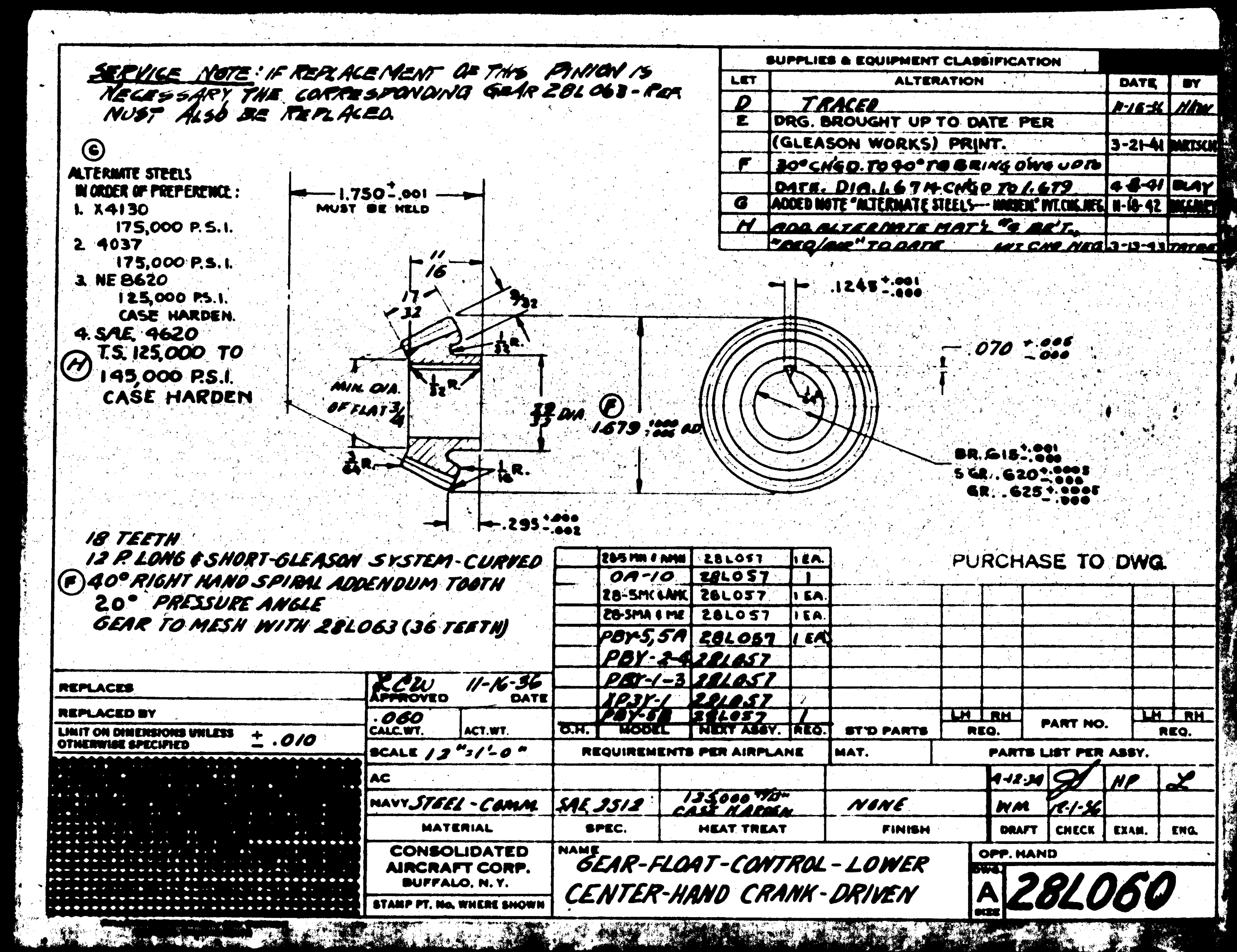
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

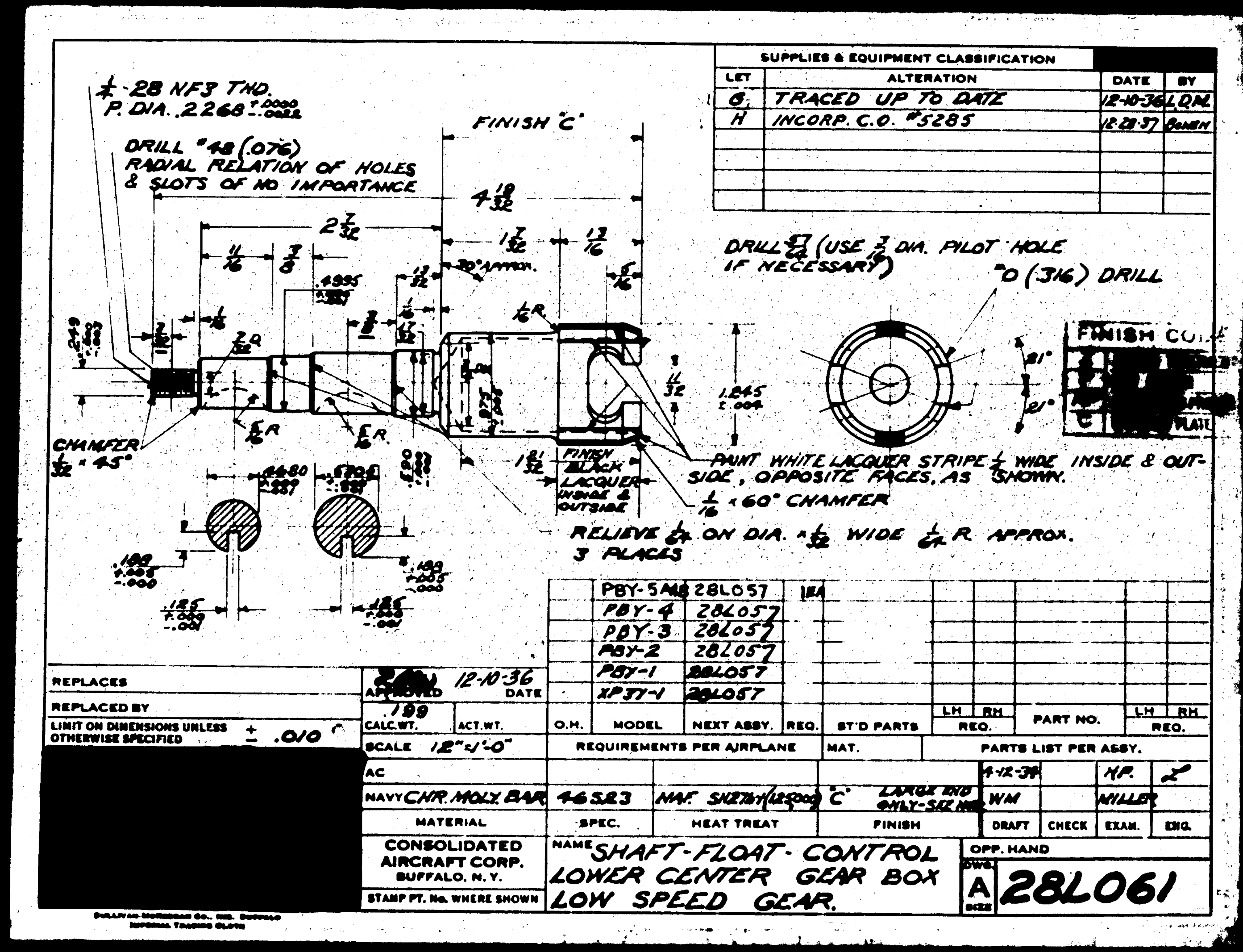
NAME FELT - FLOAT - RETRACTING MECH. SCREW INBOARD BEARING

OPP. HAND

DWG. SIZE A 28L056



SERVICE NOTE: IF REPLACEMENT OF THIS PINION IS NECESSARY THE CORRESPONDING GEAR 28L063-PER MUST ALSO BE REPLACED.
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
D | TRACED | 11-16-36 | H.R.W.
E | DRG. BROUGHT UP TO DATE PER (GLEASON WORKS) PRINT. | 3-21-41
F | 30° CHGD. TO 90° TO BRING DWG UP TO DATE. DIA. 1.674 CHGD TO 1.679 | 4-8-41
G | ADDED NOTE "ALTERNATE STEELS--- INORDER" INT. CHG. NEG. | 11-10-42
H | ADD ALTERNATE MAT'L #4 BR'T. "REQ/AP" TO DATE INT CHG NEG | 3-13-43
ALTERNATE STEELS IN ORDER OF PREFERENCE:
1. X4130 175,000 P.S.I.
2. 4037 175,000 P.S.I.
3. NE 8620 125,000 P.S.I. CASE HARDEN.
4. SAE 4620 T.S. 125,000 TO 145,000 P.S.I. CASE HARDEN
1.750 ±.001 MUST BE HELD
11/16
17/32
9/32
1/32 R.
MIN. DIA. OF FLAT 3/4
33/32 DIA.
1.679 +.000 -.005 O.D.
3/64 R.
1/16 R.
.295 +.000 -.002
.1245 +.001 -.000
.070 +.005 -.000
BR. .618 +.001 -.000
SGR. .620 +.0005 -.000
GR. .625 +.0005 -.000
18 TEETH
12 P. LONG & SHORT-GLEASON SYSTEM-CURVED
40° RIGHT HAND SPIRAL ADDENDUM TOOTH
20° PRESSURE ANGLE
GEAR TO MESH WITH 28L063 (36 TEETH)
PURCHASE TO DWG.
MODEL | NEXT ASSY. | REQ.
28-5MA & AMA | 28L057 | 1 EA.
OA-10 | 28L057 | 1
28-5MC & AMC | 28L057 | 1 EA.
28-5MA & ME | 28L057 | 1 EA.
PBY-5,5A | 28L057 | 1 EA.
PBY-2-4 | 28L057
PBY-1-3 | 28L057
XP3Y-1 | 28L057
PBY-6A | 28L057 | 1
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010
RCW APPROVED 11-16-36 DATE
.060 CALC. WT. ACT. WT.
SCALE 12"=1'-0"
AC
NAVY STEEL-COMM. | SAE 3312 | 135000 T.S. CASE HARDEN | NONE
MATERIAL | SPEC. | HEAT TREAT | FINISH
DRAFT WM | CHECK | EXAM. HP | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME GEAR-FLOAT-CONTROL-LOWER CENTER-HAND CRANK-DRIVEN
OPP. HAND
DWG. SIZE A 28L060



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
G TRACED UP TO DATE 12-10-36 L.D.M.
H INCORP. C.O. #5285 12-28-37
1/4-28 NF3 THD.
P. DIA. .2268 +.0000 -.0022
DRILL #48 (.076)
RADIAL RELATION OF HOLES & SLOTS OF NO IMPORTANCE
FINISH "C"
4 19/32
2 7/32
1 7/32
13/16
11/16
3/8
.4995
30° APPROX.
1/16 R
5/16
DRILL 27/64 (USE 3/16 DIA. PILOT HOLE IF NECESSARY)
"O (.316) DRILL
FINISH CODE
21°
21°
11/32
1.845 ±.004
CHAMFER 1/32 × 45°
1/16 R
1/16 R
1 21/32
FINISH BLACK LACQUER INSIDE & OUTSIDE
PAINT WHITE LACQUER STRIPE 1/4 WIDE INSIDE & OUTSIDE, OPPOSITE FACES, AS SHOWN.
1/16 × 60° CHAMFER
.4680
.6700
RELIEVE 1/64 ON DIA. × 1/32 WIDE 1/64 R. APPROX.
3 PLACES
.188 +.005 -.000
.188 +.005 -.000
.125 +.000 -.001
.125 +.000 -.001
PBY-5A 28L057
PBY-4 28L057
PBY-3 28L057
PBY-2 28L057
PBY-1 28L057
XP3Y-1 28L057
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED 12-10-36 DATE
.199
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
4-12-37
NAVY CHR. MOLY. BAR
46S23
NAF SH2784 (125000) "C"
LARGE END ONLY-SEE NOTE
WM
MILLER
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
[redacted]
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME SHAFT - FLOAT - CONTROL LOWER CENTER GEAR BOX LOW SPEED GEAR.
OPP. HAND
DWG. SIZE A
28L061

ALTERNATE STEELS (H)
IN ORDER OF PREFERENCE:

1. X4130 175,000 P.S.I.
2. 4037 175,000 P.S.I.
3. NE8620 125,000 P.S.I. CASE HARDEN.

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
F	TRACED	12-4-36	L.D.M.
G	WAS 125000#/□" & CASE HARDEN TEETH	1/15/37	N.L.
H	ADDED NOTE "ALTERNATE STEELS-- - HARDEN". WT. CHG. NEG.	11-19-42	

3/4
7/32 7/16
1/32 R
13/16 DIA.
1.000 P.DIA.
O.D. 1.167 +.000 -.003
.531 +.001 -.000
.070 +.005 -.000
.125 ±.0005

12 TEETH
12/14 P. STUB TOOTH
STRAIGHT SPUR GEAR
20° PRESSURE ANGLE
TO MESH WITH 28L067 (24 TEETH)

PURCHASE TO DWG.

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5MN(AMN	28L057	1 EA.
	28-5MC(AMC	28L057	1 EA.
	28-5MA(MME	28L057	1 EA.
	PBY-5	28L057	1
	PBY-5B	28L057	1
	PBY-5A	28L057	1
	PBY-3-4	28L057	
	PBY-2	28L057	
	PBY-1	28L057	
	XP3Y-1	28L057	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED R.C.W. DATE 12-4-36

CALC. WT. .053 ACT. WT.

SCALE 12"=1'-0"

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM	ENG.
AC	OR EQUIV.	125000#/□" CASE HARDEN OR		4-12-36		H.P.	L.
NAVY STEEL-COMM.	SAE 4620	150000#/□" ALL OVER (G)	NONE	W.M.	12-15-36	MILLER	

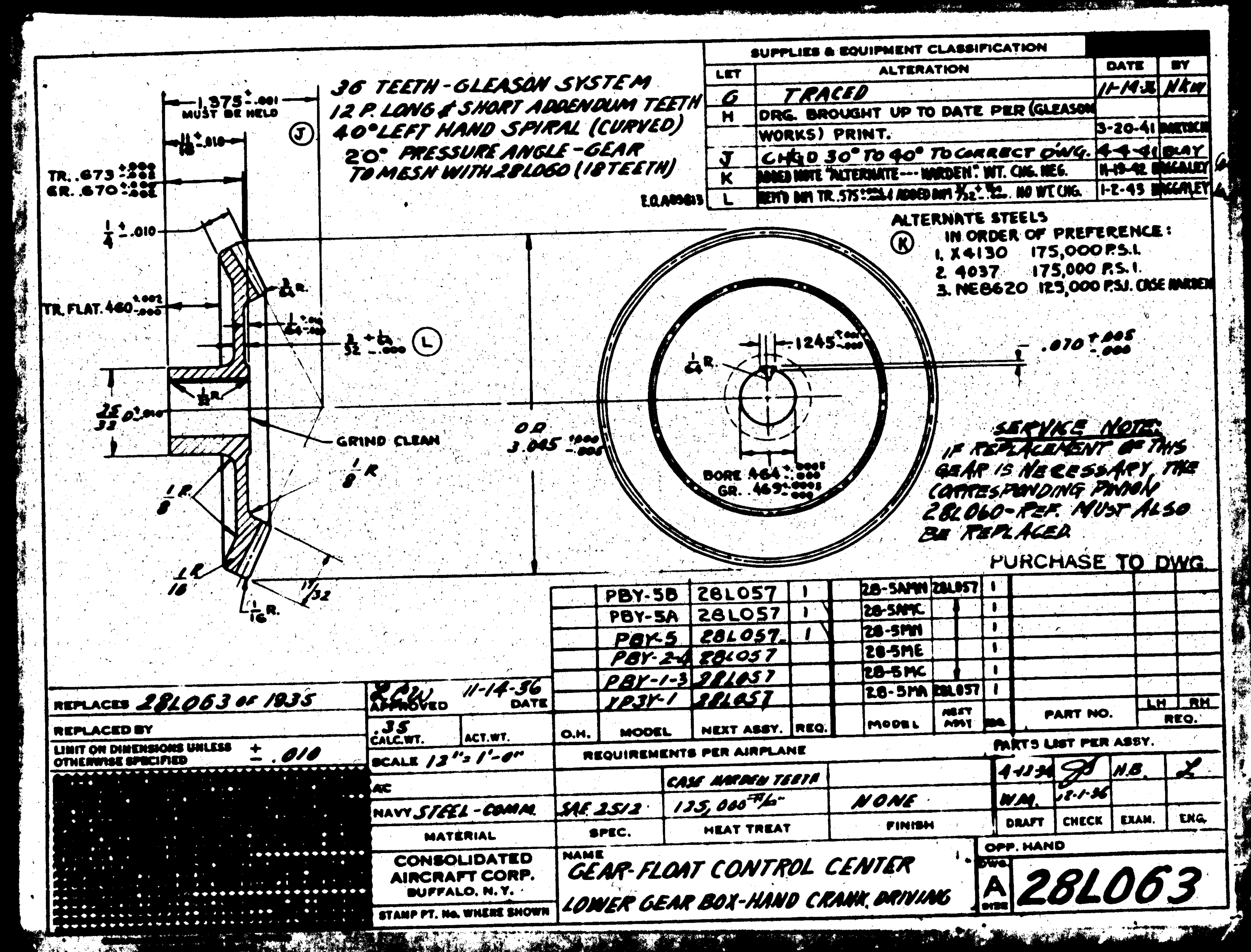
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

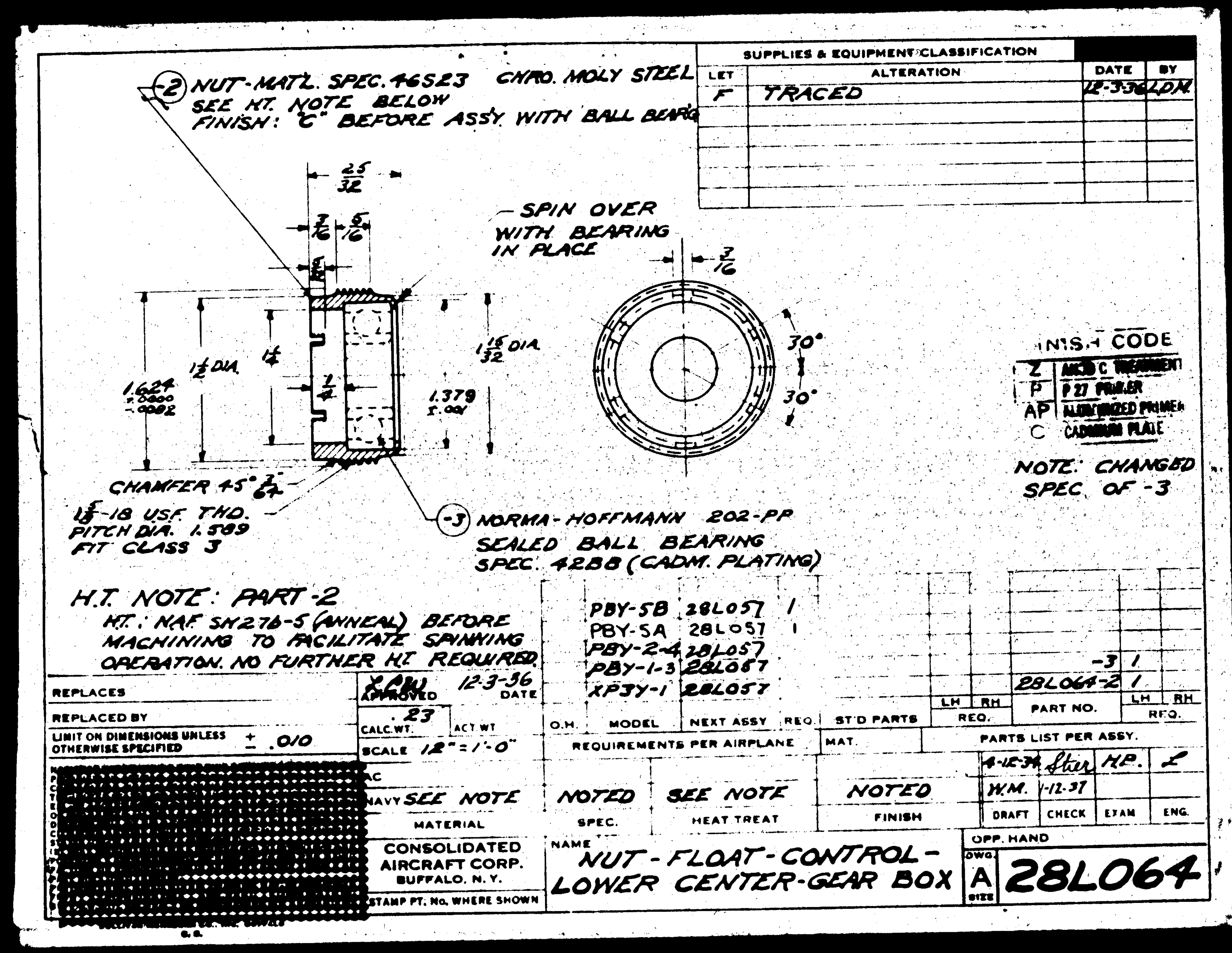
NAME GEAR-FLOAT-CONTROL-LOWER CENTER GEAR BOX & LOW SPEED HAND CRANK

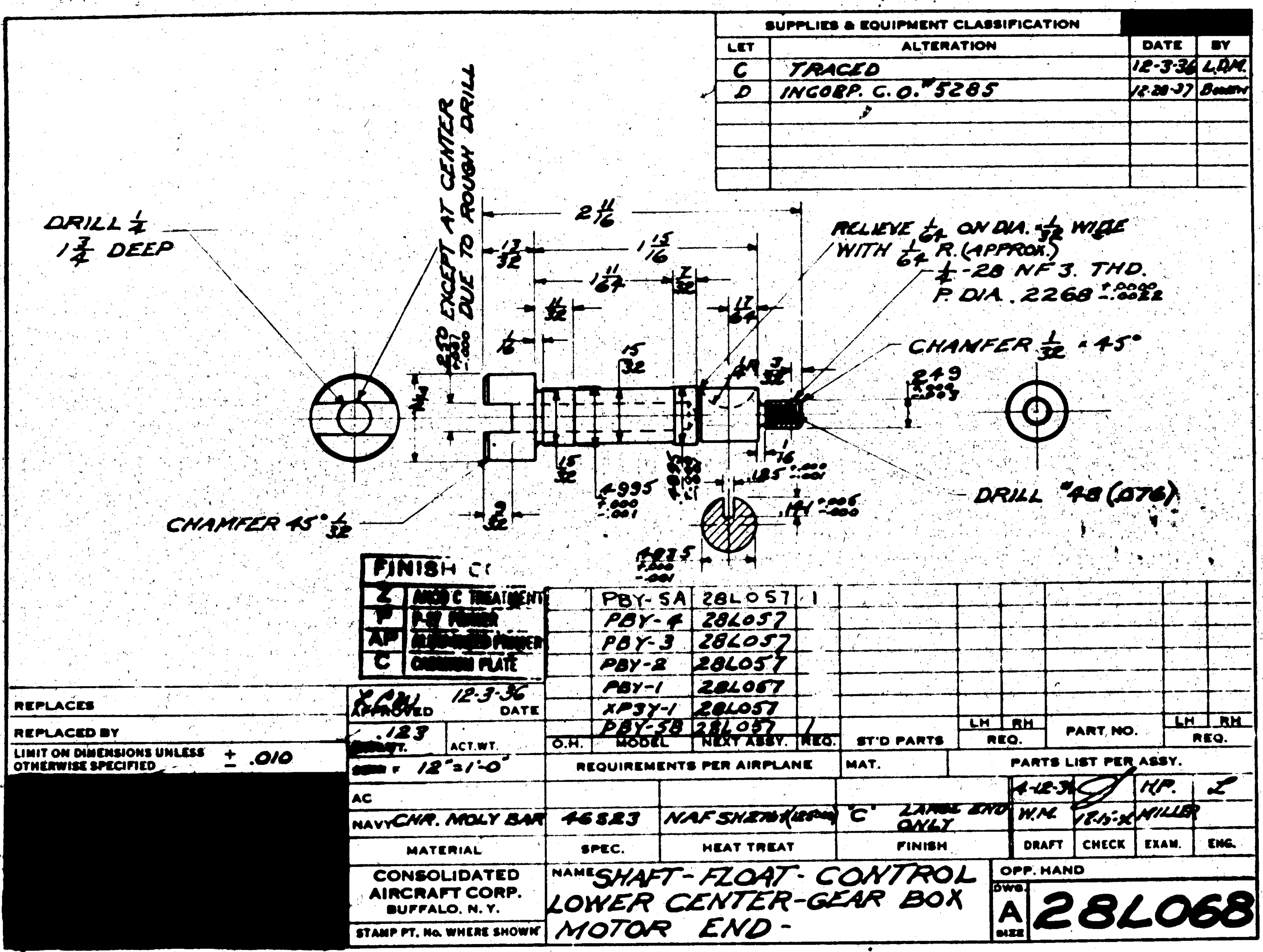
OPP. HAND

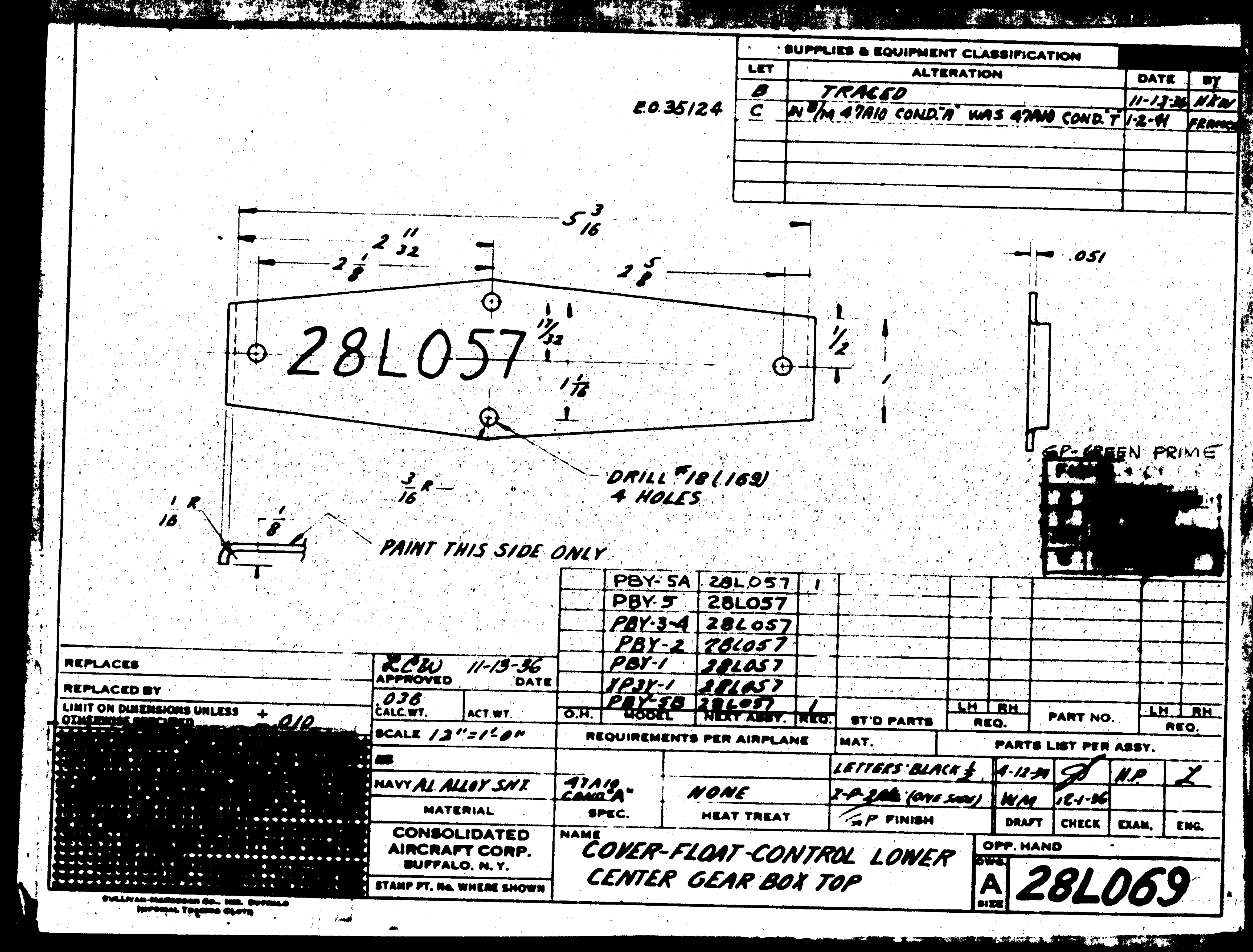
DWG. SIZE A 28L062



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
G TRACED 11-14-36
H DRG. BROUGHT UP TO DATE PER (GLEASON WORKS) PRINT. 3-20-41
J CHG'D 30° TO 40° TO CORRECT DWG. 4-4-41
K ADDED NOTE "ALTERNATE --- HARDEN". WT. CHG. NEG. 11-19-42
L REV'D DIM TR. .575 ADDED DIM. NO WT. CHG. 1-2-43
36 TEETH-GLEASON SYSTEM
12 P. LONG & SHORT ADDENDUM TEETH
40° LEFT HAND SPIRAL (CURVED)
20° PRESSURE ANGLE-GEAR
TO MESH WITH 28L060 (18 TEETH)
1.375 MUST BE HELD
TR. .673
GR. .670
TR. FLAT .460
GRIND CLEAN
O.D. 3.045
BORE .464
GR. .469
.1245
.070
ALTERNATE STEELS
IN ORDER OF PREFERENCE:
1. X4130 175,000 P.S.I.
2. 4037 175,000 P.S.I.
3. NE8620 125,000 P.S.I. CASE HARDEN
SERVICE NOTE:
IF REPLACEMENT OF THIS GEAR IS NECESSARY, THE CORRESPONDING PINION 28L060-REF. MUST ALSO BE REPLACED.
PURCHASE TO DWG.
PBY-5B 28L057 1
PBY-5A 28L057 1
PBY-5 28L057 1
PBY-2-4 28L057
PBY-1-3 28L057
XP3Y-1 28L057
28-5AMN 28L057 1
28-5AMC 1
28-5MN 1
28-5ME 1
28-5MC 1
28-5MA 28L057 1
O.H. MODEL NEXT ASSY. REQ. MODEL NEXT ASSY PART NO. LH RH REQ.
REPLACES 28L063 OF 1935
APPROVED 11-14-36 DATE
REPLACED BY
CALC. WT. .35 ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
CASE HARDEN TEETH
NAVY STEEL-COMM. SAE 2512 125,000 NONE
MATERIAL SPEC. HEAT TREAT FINISH
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME GEAR-FLOAT CONTROL CENTER LOWER GEAR BOX-HAND CRANK, DRIVING
OPP. HAND
DWG. SIZE A 28L063


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
F
TRACED
12-3-36
LDM
-2 NUT-MATL. SPEC. 46S23 CHRO. MOLY STEEL
SEE H.T. NOTE BELOW
FINISH: "C" BEFORE ASSY. WITH BALL BEARG
25/32
7/16
5/16
SPIN OVER
WITH BEARING
IN PLACE
7/16
1.624 +.0000 -.0002
1 1/2 DIA.
1 1/4
1/4
1 15/32 DIA.
1.379 ±.001
30°
30°
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
NOTE: CHANGED
SPEC OF -3
CHAMFER 45° 7/64
1 5/8-18 USF THD.
PITCH DIA. 1.589
FIT CLASS 3
-3 NORMA-HOFFMANN 202-PP
SEALED BALL BEARING
SPEC. 42B8 (CADM. PLATING)
H.T. NOTE: PART-2
H.T.: NAF SH27b-5 (ANNEAL) BEFORE
MACHINING TO FACILITATE SPINNING
OPERATION. NO FURTHER H.T. REQUIRED.
PBY-5B 28L057 1
PBY-5A 28L057 1
PBY-2-4 28L057
PBY-1-3 28L057
XP3Y-1 28L057
-3 1
28L064-2 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED 12-3-36 DATE
.23
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
O.H.
MODEL
NEXT ASSY
REQ.
ST'D PARTS
LH RH
REQ.
PART NO.
LH RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY SEE NOTE
MATERIAL
NOTED
SPEC.
SEE NOTE
HEAT TREAT
NOTED
FINISH
4-12-37 Stier H.P. L
W.M. 1-12-37
DRAFT
CHECK
EXAM
ENG.
[redacted]
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
NUT-FLOAT-CONTROL-
LOWER CENTER-GEAR BOX
OPP. HAND
DWG. SIZE A
28L064


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
C
TRACED
12-3-36
L.D.M.
D
INCORP. C.O. #5285
12-28-37
DRILL 1/4
1 3/4 DEEP
EXCEPT AT CENTER DUE TO ROUGH DRILL
2 11/16
1 15/16
13/32
1 11/64
7/32
11/32
17/64
1/16
15/32
RELIEVE 1/64 ON DIA. 1/32 WIDE
WITH 1/64 R. (APPROX.)
1/4-28 NF 3. THD.
P. DIA. .2268 +.0000 -.0022
CHAMFER 1/32 x 45°
.249 +.000 -.003
DRILL #48 (.076)
CHAMFER 45° 1/32
9/32
.4995 +.000 -.001
.185 +.000 -.001
.141 +.006 -.000
.4275 +.000 -.001
FINISH
Z
P
AP
C
CHROMIUM PLATE
PBY-5A
28L057
1
PBY-4
28L057
PBY-3
28L057
PBY-2
28L057
PBY-1
28L057
XP3Y-1
28L057
PBY-5B
28L057
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010
APPROVED
12-3-36
DATE
.123
ACT. WT.
12" = 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
CHR. MOLY BAR
46823
NAF SHEET
"C"
LARGE END ONLY
H.P.
W.M.
MILLER
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME SHAFT - FLOAT - CONTROL
LOWER CENTER - GEAR BOX
MOTOR END -
OPP. HAND
DWG. SIZE A
28L068



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED | 11-13-36 | NKW
C | N°/M 47A10 COND."A" WAS 47A10 COND."T" | 1-2-41
E.O. 35124
5 3/16
2 11/32
2 1/8
2 5/8
.051
28L057
17/32
1/2
1 1/16
GP-GREEN PRIME
3/16 R
1/16 R
1/8
DRILL #18 (.169) 4 HOLES
PAINT THIS SIDE ONLY
PBY-5A | 28L057 | 1
PBY-5 | 28L057
PBY-3-4 | 28L057
PBY-2 | 28L057
PBY-1 | 28L057
XP3Y-1 | 28L057
PBY-5B | 28L057 | 1
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
RCW 11-13-36
APPROVED DATE
.036
CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
NAVY AL ALLOY SH.T.
MATERIAL
47A10 COND "A"
SPEC.
NONE
HEAT TREAT
LETTERS: BLACK 1/2
1-P-20 (ONE SIDE)
GP FINISH
4-12-41
WM 12-1-36 H.P.
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
COVER-FLOAT-CONTROL LOWER CENTER GEAR BOX TOP
OPP. HAND
DWG. SIZE A
28L069

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	11-13-36	W.H.A.M.
D	ADDED FLAGSHIP & PB2Y-2		
	REQ. & ASS'Y. NOS.	7-17-39	BUD.H.S.

APPROXIMATE SPHERICAL SHAPE

.200 +.005 -.003 DIAM.

.249 +.000 -.003 - THD 1/4 - 28NF3

CHAMFER 1/32 x 45°

1/32 x 45° CHAMFER

1/64, 1/16, 1/4, 1/2, 1/16, 3/8, 11/16

NOTE: ABOVE DIMENSIONS TO BE MET AFTER PLATING

FINISH
[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28L078	4
	PB2Y-3	29L008	4
	PBY-5A	28L078	4
	PB2Y-2	29L008	
	FLAGSHIP	29L008	
	PBY-2-4	28L078-1	
	PBY-2-4	28L078	
	PBY-1-3	28L078-1	
	PBY-1-3	28L078	
	XP3Y-1	28L078-1	
	XP3Y-1	28L078	

(D) REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .005

APPROVED: LCW DATE: 11-13-36

CALC. WT. .011 ACT. WT.

SCALE 12" = 1'-0"

	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC					4-9-34		H.P.	
NAVY	CR MOLY ST.	46523	90000 T/D	C	IMN	12-1-36		L

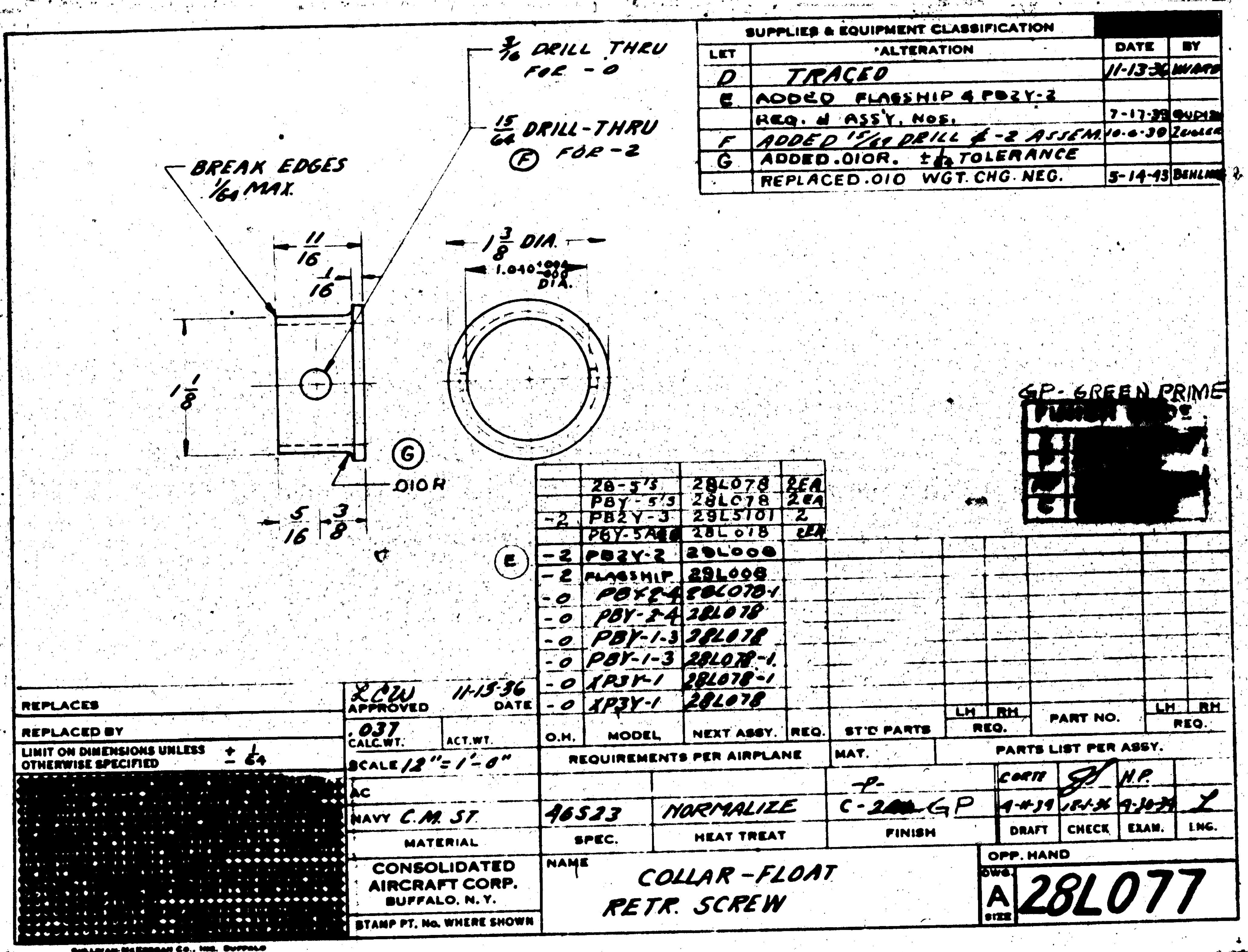
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

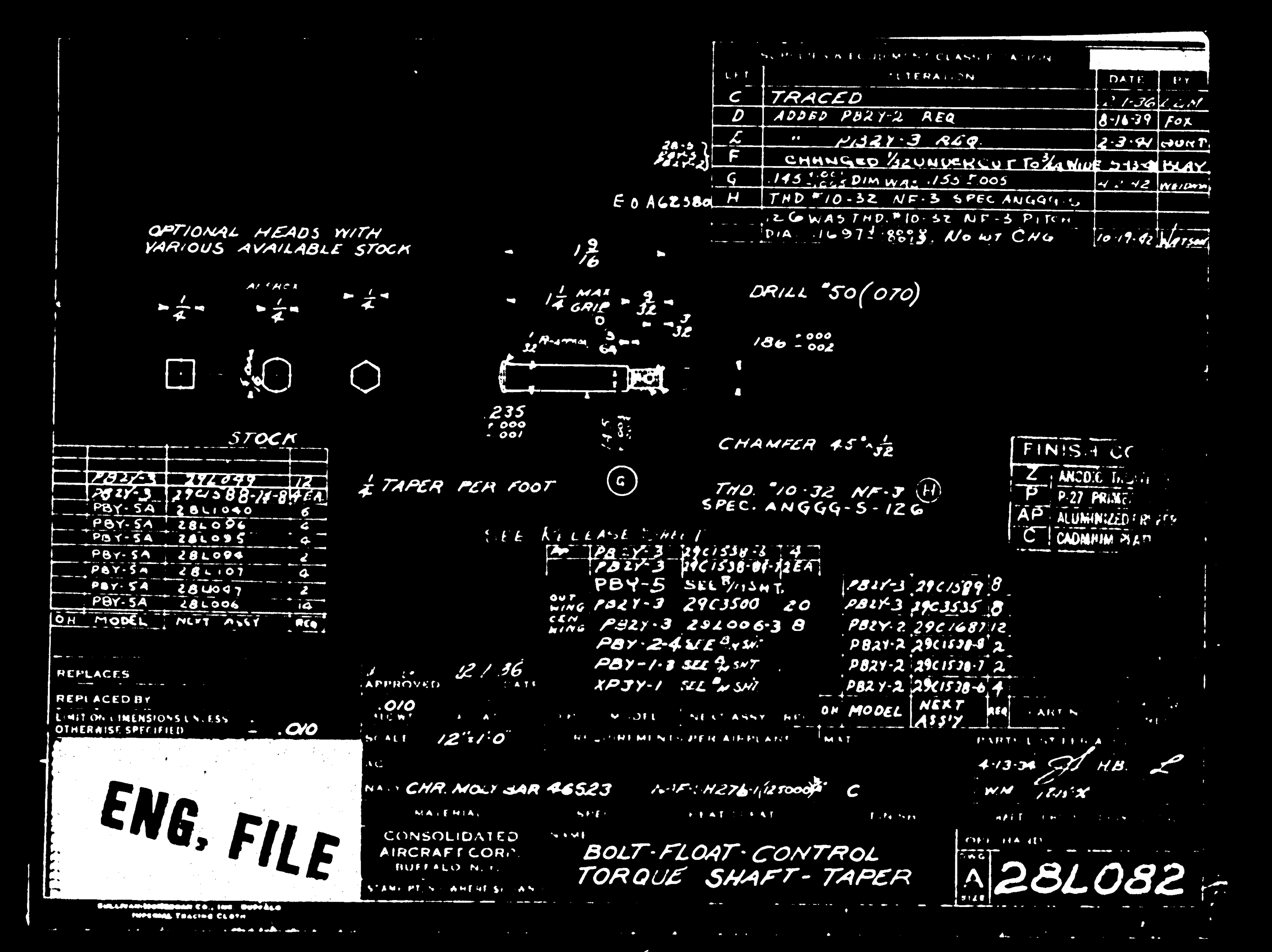
NAME: SCREW-FLOAT-RETRACTNG MECHANISM-TRUNION

OPP. HAND

DWG. SIZE A 28L075



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
D TRACED 11-13-36 WARD
E ADDED FLAGSHIP & PB2Y-2
REQ. & ASS'Y. NOS. 7-17-38
F ADDED 15/64 DRILL & -2 ASSEM. 10-6-38
G ADDED .010R. ± 1/64 TOLERANCE
REPLACED .010 WGT. CHG. NEG. 5-14-43
3/16 DRILL THRU FOR -0
15/64 DRILL-THRU FOR -2
BREAK EDGES 1/64 MAX.
11/16
1/16
1 1/8
5/16
3/8
.010 R
1 3/8 DIA.
DIA.
GP- GREEN PRIME
28-5'S 28L078 2EA
PBY-5'S 28L078 2EA
-2 PB2Y-3 29L5101 2
PBY-5A 28L078
-2 PB2Y-2 29L008
-2 FLAGSHIP 29L008
-0 PBY-2-4 28L078-1
-0 PBY-2-4 28L078
-0 PBY-1-3 28L078
-0 PBY-1-3 28L078-1
-0 XP3Y-1 28L078-1
-0 XP3Y-1 28L078
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
LCW 11-13-36
APPROVED DATE
.037
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY C.M. ST. 46S23 NORMALIZE C-2 GP
MATERIAL
SPEC.
HEAT TREAT
FINISH
H.P.
DRAFT CHECK EXAM. ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME COLLAR-FLOAT RETR. SCREW
DWG. SIZE A 28L077



ALTERATION
DATE
BY
C TRACED
D ADDED PB2Y-2 REQ 8-16-39 FOX
E " PB2Y-3 REQ. 2-3-41
F CHANGED 1/32 UNDERCUT TO 3/64 WIDE
G .145 DIM WAS .155 ±.005
H THD #10-32 NF-3 SPEC AN-GG-S-126 WAS THD. #10-32 NF-3 PITCH DIA .1697 NO WT CHG 10-19-42
E O A6258a
OPTIONAL HEADS WITH VARIOUS AVAILABLE STOCK
1 9/16
1 1/4 MAX GRIP
9/32
3/32
DRILL #50(070)
.186 +.000 -.002
.235 +.000 -.001
STOCK
CHAMFER 45° x 1/32
1/4 TAPER PER FOOT
THD. #10-32 NF-3
SPEC. AN-GG-S-126
FINISH CODE
Z ANODIC TREAT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PB2Y-3 29L099 12
PB2Y-3 29C1588-14-8 4EA
PBY-5A 28L1040 6
PBY-5A 28L096 6
PBY-5A 28L095 4
PBY-5A 28L094 2
PBY-5A 28L107 4
PBY-5A 28L097 2
PBY-5A 28L006 10
OH MODEL NEXT ASSY REQ
SEE RELEASE SHEET
PB2Y-3 29C1538-3 4
PB2Y-3 29C1538-
PBY-5 SEE SHT.
OUT WING PB2Y-3 29C3500 20
CEN WING PB2Y-3 29L006-3 8
PBY-2-4 SEE SHT
PBY-1-3 SEE SHT
XPBY-1 SEE SHT
PB2Y-3 29C1589 8
PB2Y-3 29C3535 8
PB2Y-2 29C1687 12
PB2Y-2 29C1538-8 2
PB2Y-2 29C1538-7 2
PB2Y-2 29C1538-6 4
OH MODEL NEXT ASS'Y REQ
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED DATE 12/36
.010
SCALE 12"=1'0"
4-13-34 HB. L
CHR. MOLY SAE 46523
H276
C
MATERIAL
CONSOLIDATED AIRCRAFT CORP. BUFFALO N.Y.
BOLT-FLOAT-CONTROL TORQUE SHAFT-TAPER
A 28L082
ENG. FILE

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
G	TRACED	11-13-36	H.K.W.
H	ADDED PB2Y-2 REQ.	8-16-39	FOX
J	ADDED PB2Y-2 REQTS.	12/27/39	[illegible]
K	" XB-24 & B-24 REQTS	"	"
L	" PB2Y-3 REQ.	2-3-41	HURT

3/64

7/16

7/32

DRILL - 7/32 (.218)

7/16

9/16 R

7/32

ON	MODEL	NEXT ASSY	REQ
	PB2Y-3	29C1530-[illegible]	2EA
	PB2Y-3	29C1530-6	2
	PB2Y-3	29C1535	[illegible]
	PB2Y-3	29C1534	[illegible]
	PB2Y-3	29C1530-[illegible]	4EA
	PB2Y-3	29L049	12
	PBY-5A	28L1040	6EA
	PBY-5A	28L095	4EA
	PBY-5A	28L096	4EA
	PBY-5A	28L094	2EA
	PBY-5A	28L107	4EA
	PBY-5A	28L[illegible]	2EA
	PBY-5A	28L006	14EA

GP GREEN PRIME

FINISH CODE	
Z	[illegible]
P	[illegible]
AL	[illegible]

MATERIAL MAY BE EXTR. ALUM ALLOY
SPEC. 46A9 COND. "T" #K12265

O.H.	MODEL	NEXT ASSY.	REQ.
	B-24A, XB29, B24A	32C600	4
	PB2Y-2	32C600-4R	1
	PB2Y-2	32C600-4L	1
	PB2Y-2	32C600-8	2
	PB2Y-2	29C1530-6	4
	PBY-4		
	PBY-3		
	PBY-2	SEE BM SK	
	PBY-1		
	XP3Y-1		

O.H.	MODEL	NEXT ASSY	REQ.
	[illegible]	32C600-2	2
	[illegible]	32C600-R	1
	[illegible]	32C600-L	1
	PB2Y-3	29L0063	8 (CEN. WING)
	PB2Y-3	29C2500	20 (OUT. WING)
	PB2Y-2	29C1687	15
	B-24	32C600-2	2
	B-24	32C600-R	1
	B-24	32C600-L	1
	XB-24	32C600-2	2
	XB-24	32C600-R	1
	XB-24	32C600-L	1
	PB2Y-2	29C1530-8	2
	PB2Y-2	29C1530-7	2

REQUIREMENTS PER AIRPLANE

PART NO.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

LCW 11-13-36
APPROVED DATE

.0015
CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

SEE NOTE

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AL ALLOY BAR	46A9 COND. T	NONE	Z-P-AL GP	WM	11-18-36	HP 4-24-39	Z

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: WASHER-FLOAT-CONTROL TORQUE SHAFT

OPP. HAND

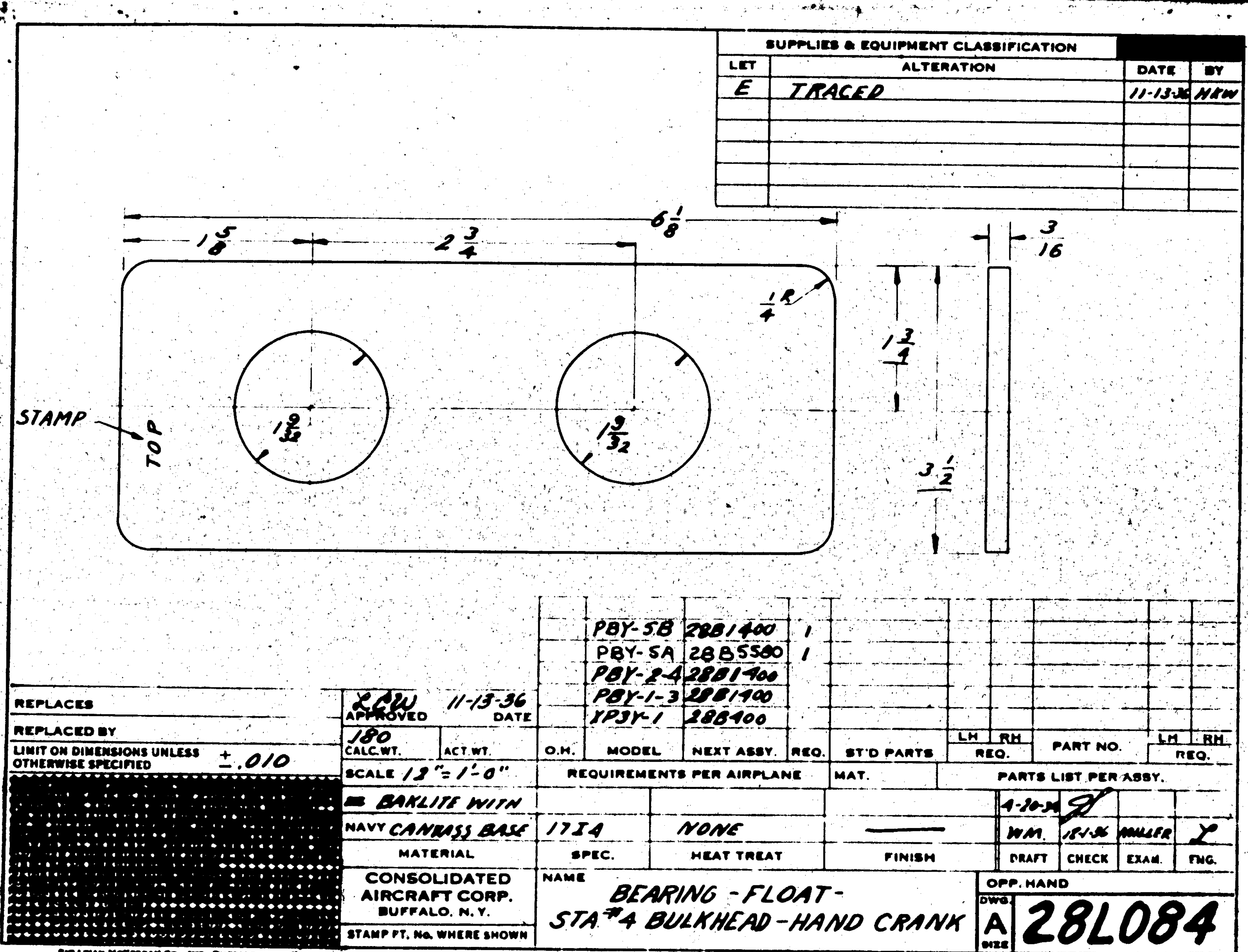
DWG. SIZE A — 28L083

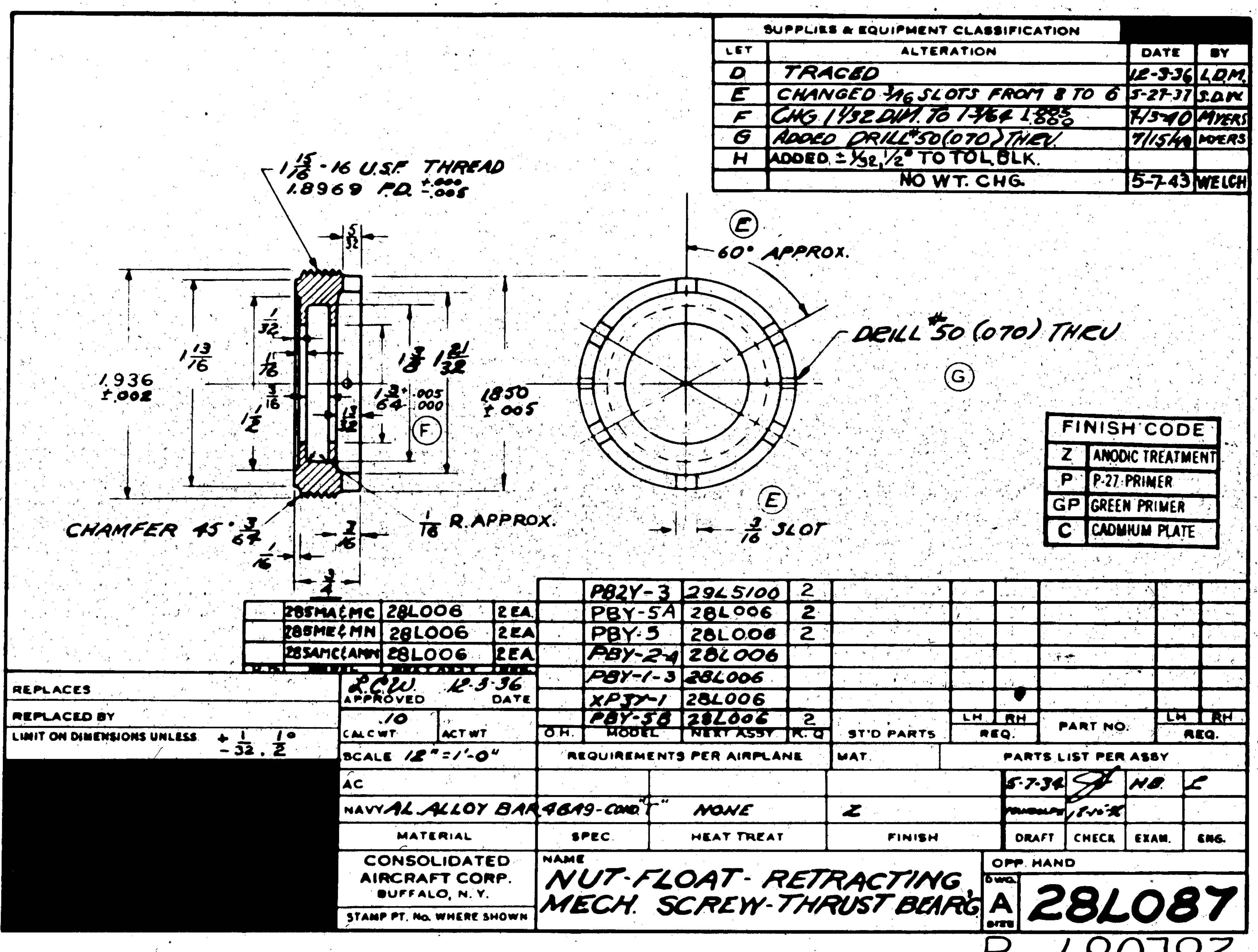
SULLIVAN-MORRISSEY CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

CHECKED BY [illegible] DATE 4/4/41

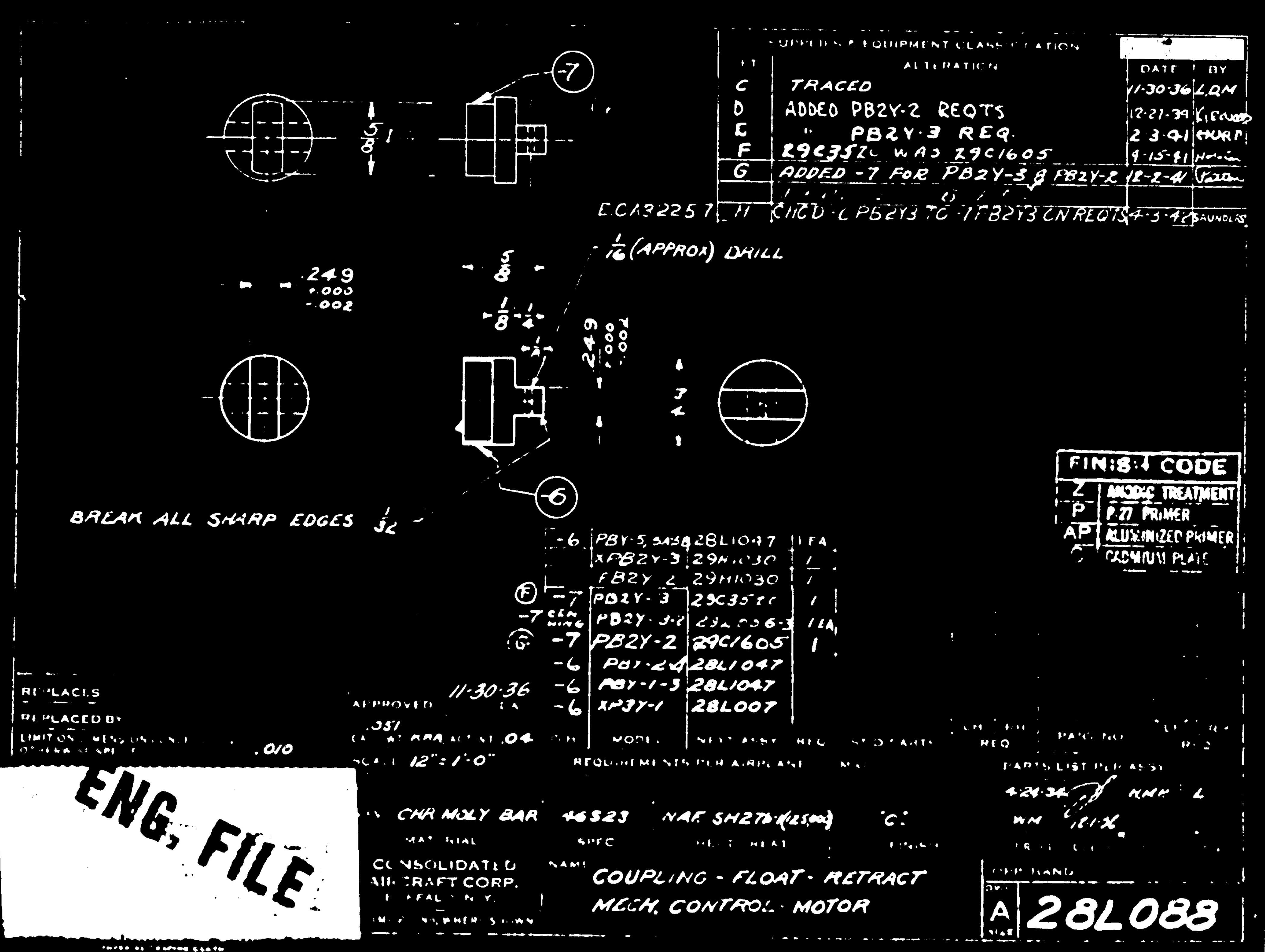
K12265

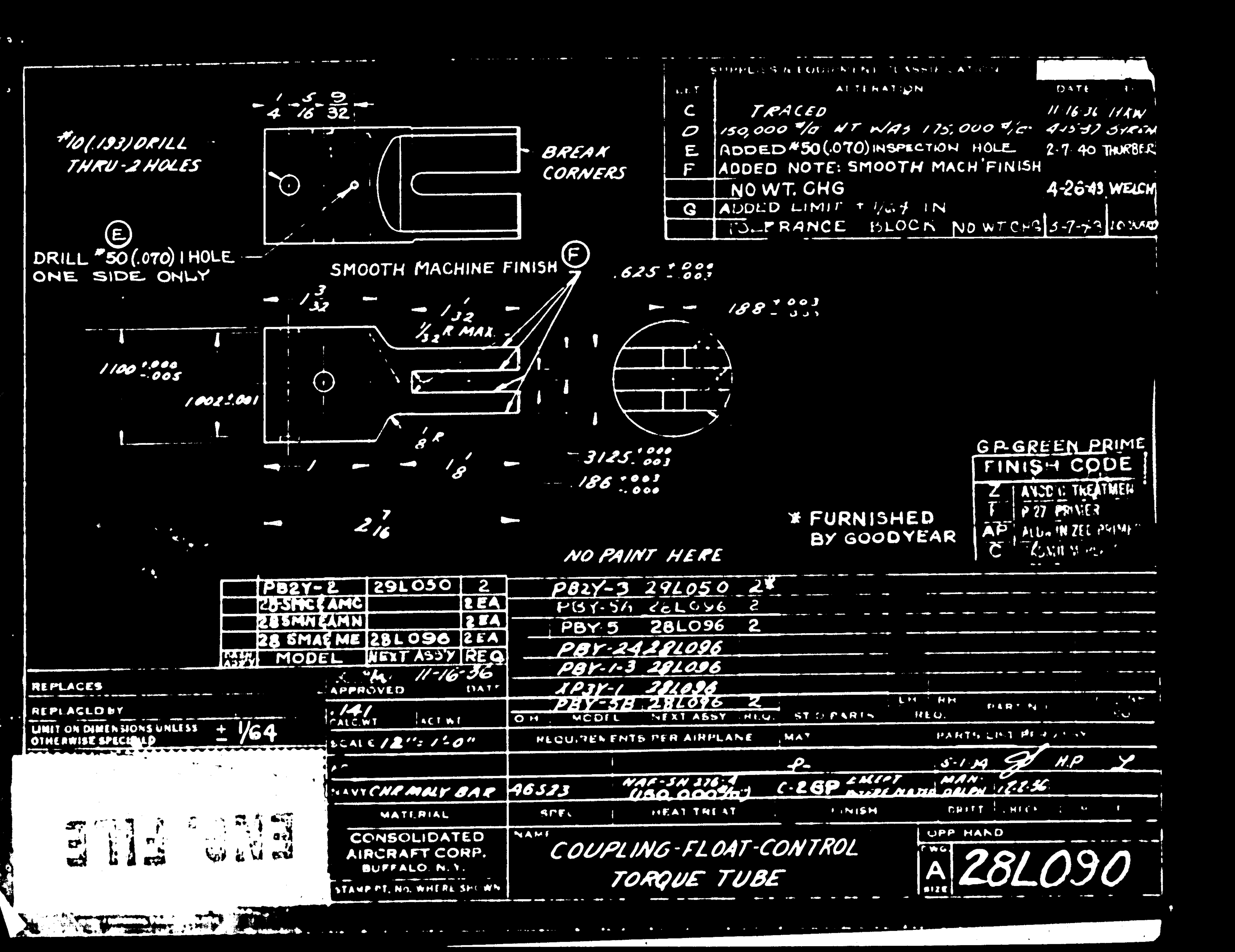
SK. L


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
E
TRACED
11-13-36
HKW
6 1/8
1 5/8
2 3/4
3/16
1/4 R
1 3/4
3 1/2
STAMP
TOP
1 9/32
1 9/32
PBY-5B 28B1400 1
PBY-5A 28B5580 1
PBY-2-4 28B1400
PBY-1-3 28B1400
XP3Y-1 28B400
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED LCW
DATE 11-13-36
CALC. WT. 180
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
BAKLITE WITH
NAVY CANVASS BASE
17I4
NONE
4-20-36
WM.
18-1-36
MILLER
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
BEARING - FLOAT -
STA #4 BULKHEAD - HAND CRANK
OPP. HAND
DWG. SIZE A
28L084

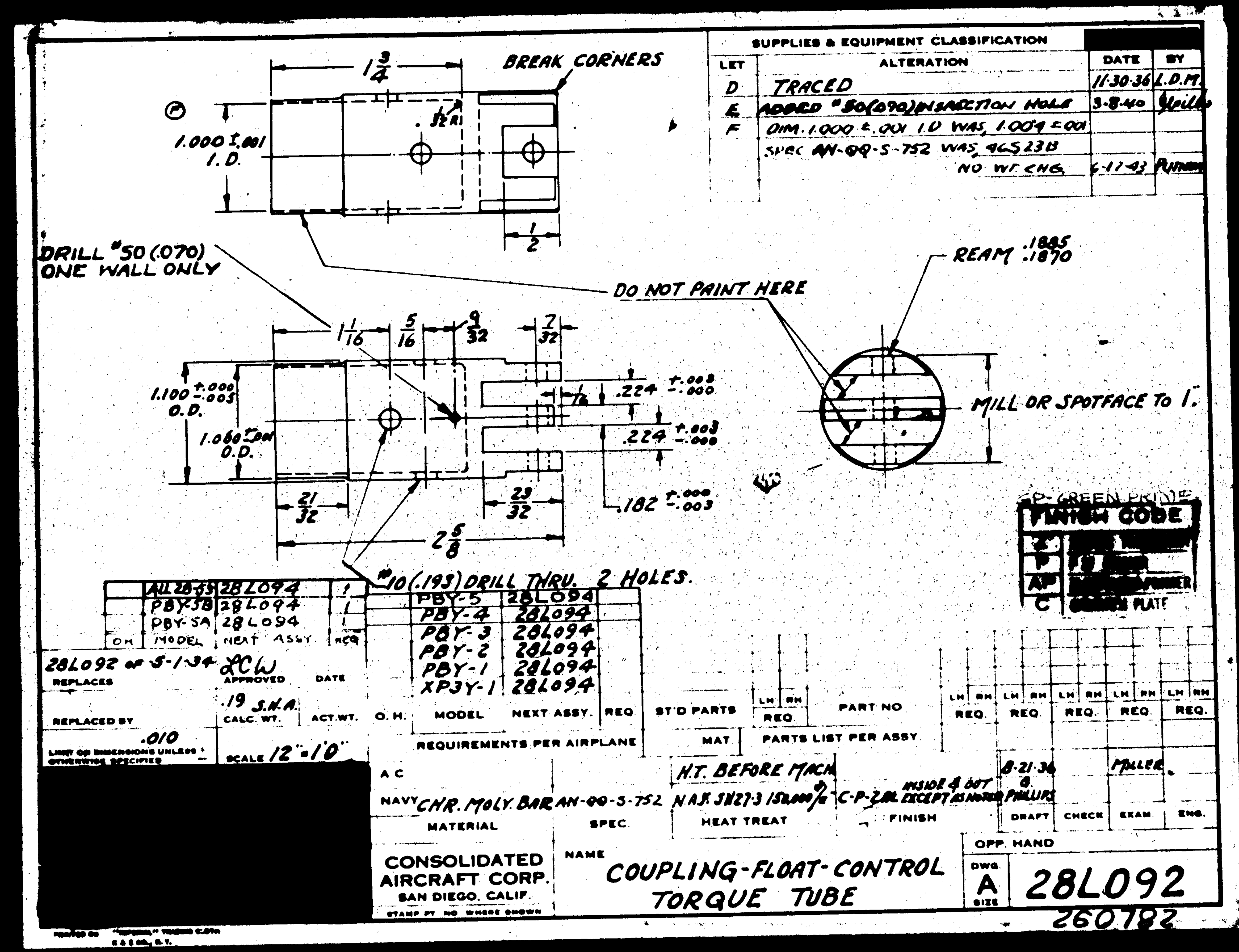


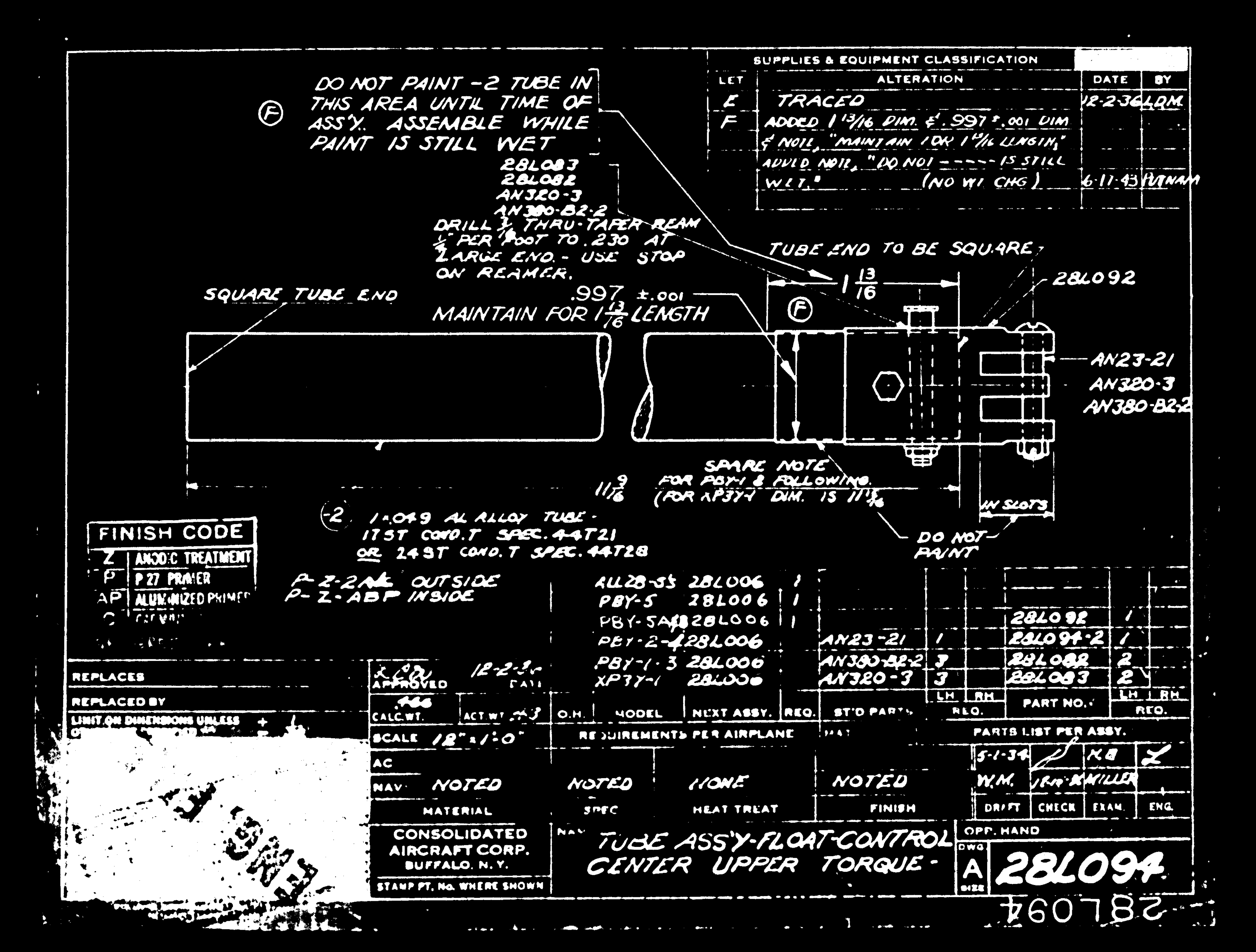
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
D TRACED 12-3-36 L.D.M.
E CHANGED 3/16 SLOTS FROM 8 TO 6 5-27-37 S.D.W.
F CHG 1 1/32 DIM. TO 1 3/64 +.005 .000 7/5/40 MYERS
G ADDED DRILL #50 (070) THRU 7/15/40 MYERS
H ADDED ± 1/32, 1/2° TO TOL BLK.
NO WT. CHG. 5-7-43 WELCH
1 15/16 - 16 U.S.F. THREAD
1.8969 P.D. +.000 -.005
60° APPROX.
DRILL #50 (070) THRU
1.936 ±.002
1 13/16
1.850 ±.005
CHAMFER 45° 3/64
1/16 R. APPROX.
3/16 SLOT
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
GP GREEN PRIMER
C CADMIUM PLATE
28SMA & MC 28L006 2 EA.
28SME & MN 28L006 2 EA
28SAMC & AMN 28L006 2 EA
PB2Y-3 29L5100 2
PBY-5A 28L006 2
PBY-5 28L006 2
PBY-2-4 28L006
PBY-1-3 28L006
XP3Y-1 28L006
PBY-5B 28L006 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS ± 1/32, 1/2°
L.C.W. 12-3-36 APPROVED DATE
.10 CALC WT ACT WT
O.H. MODEL NEXT ASSY K.Q. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY
AC
NAVY AL. ALLOY BAR 46A9-COND "T" NONE Z
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
NUT-FLOAT-RETRACTING, MECH. SCREW-THRUST BEARG.
OPP. HAND
DWG. SIZE A
28L087
R 28L087

SUPPLIES & EQUIPMENT CLASSIFICATION
ALTERATION
DATE
BY
C TRACED 11-30-36 L.Q.M
D ADDED PB2Y-2 REQTS 12-27-39
E " PB2Y-3 REQ. 2-3-41
F 29C3520 WAS 29C1605 9-15-41
G ADDED -7 FOR PB2Y-3 & PB2Y-2 12-2-41
E.C.A32257 H CHGD -6 PB2Y3 TO -7 PB2Y3 CN REQTS 4-3-42 SAUNDERS
-7
5/8
1/16 (APPROX) DRILL
.249 +.000 -.002
5/8
1/8 1/4
-6
BREAK ALL SHARP EDGES 1/32
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
-6 PBY-5, 5A 28L1047 1 EA
XPB2Y-3 29H1030 1
PB2Y-2 29H1030 1
-7 PB2Y-3 29C3520 1
-7 PB2Y-3 1 EA
-7 PB2Y-2 29C1605 1
-6 PBY-2-4 28L1047
-6 PBY-1-3 28L1047
-6 XP3Y-1 28L007
REPLACES
REPLACED BY
APPROVED
11-30-36
.010
.351
.04
MODEL
NEXT ASSY
REQ
PART NO
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY
4-24-34
CHR MOLY BAR 4623 NAF SH27b (125,000) "C"
MATERIAL
SPEC
HEAT TREAT
FINISH
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
NAME
COUPLING - FLOAT - RETRACT
MECH. CONTROL - MOTOR
A 28L088
ENG. FILE



#10(.193) DRILL THRU-2 HOLES
BREAK CORNERS
DRILL #50(.070) 1 HOLE ONE SIDE ONLY
SMOOTH MACHINE FINISH
NO PAINT HERE
* FURNISHED BY GOODYEAR
TRACED 11-16-36
150,000 #/□ HT WAS 175,000 #/□
ADDED #50(.070) INSPECTION HOLE 2-7-40 THURBER
ADDED NOTE: SMOOTH MACH FINISH NO WT. CHG 4-26-43 WELCH
ADDED LIMIT ± 1/64 IN TOLERANCE BLOCK NO WT CHG
GP-GREEN PRIME
FINISH CODE
PB2Y-2 29L050 2
28SMC & AMC 2 EA
28SMN & AMN 2 EA
28 SMA & ME 28L096 2 EA
MODEL NEXT ASSY REQ
PB2Y-3 29L050 2*
PBY-5A 28L096 2
PBY-5 28L096 2
PBY-2 4 28L096
PBY-1-3 28L096
XP3Y-1 28L096
PBY-5B 28L096 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED 11-16-36
SCALE 12" = 1'-0"
CHR MOLY BAR
MATERIAL
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
COUPLING-FLOAT-CONTROL TORQUE TUBE
OPP HAND
A 28L090


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
D TRACED 11-30-36 L.D.M.
E ADDED #50(.070) INSPECTION HOLE 3-8-40
F DIM. 1.000 ±.001 I.D WAS, 1.009 ±.001
SPEC AN-QQ-S-752 WAS 46S23B
NO WT. CHG. 6-17-43
BREAK CORNERS
1 3/4
1/32 R
1.000 ±.001
I.D.
1/2
DRILL #50 (.070)
ONE WALL ONLY
DO NOT PAINT HERE
REAM .1885 .1870
1 1/16
5/16
9/32
7/32
1.100 +.000 -.005
O.D.
1.060 ±.001
O.D.
1/16
.224 +.003 -.000
.224 +.003 -.000
.182 +.000 -.003
MILL OR SPOTFACE TO 1.
21/32
23/32
2 5/8
#10 (.193) DRILL THRU. 2 HOLES.
FINISH CODE
P
AP
C
PLATE
ALL 28-5 28L094 1
PBY-5B 28L094 1
PBY-5A 28L094 1
OH MODEL NEXT ASSY REQ
PBY-5 28L094
PBY-4 28L094
PBY-3 28L094
PBY-2 28L094
PBY-1 28L094
XP3Y-1 28L094
28L092 of 5-1-34 LCW
REPLACES
APPROVED
DATE
REPLACED BY
.19 S.H.A.
CALC. WT.
ACT. WT.
O. H.
MODEL
NEXT ASSY.
REQ
ST'D PARTS
LH RH
REQ.
PART NO
REQ.
.010
LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT
PARTS LIST PER ASSY
[redacted]
A C
NAVY CHR. MOLY. BAR AN-QQ-S-752 N.A.F. SH27-3 150,000 H.T. BEFORE MACH. C-P-2AL INSIDE & OUT EXCEPT AS NOTED
8-21-36 PHILLIPS MILLER
MATERIAL
SPEC
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT NO WHERE SHOWN
NAME
COUPLING-FLOAT-CONTROL TORQUE TUBE
OPP. HAND
DWG. A SIZE
28L092
260782


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
E | TRACED | 12-2-36 | LDM
F | ADDED 1 13/16 DIM. & .997 ±.001 DIM & NOTE, "MAINTAIN FOR 1 13/16 LENGTH," ADDED NOTE, "DO NOT ---- IS STILL WET." (NO WT CHG) | 6-11-43 | PUTNAM
DO NOT PAINT -2 TUBE IN THIS AREA UNTIL TIME OF ASS'Y. ASSEMBLE WHILE PAINT IS STILL WET
28L083
28L082
AN320-3
AN380-B2-2
DRILL THRU-TAPER REAM 1/4" PER FOOT TO .230 AT LARGE END. - USE STOP ON REAMER.
TUBE END TO BE SQUARE
28L092
SQUARE TUBE END
.997 ±.001
MAINTAIN FOR 1 13/16 LENGTH
1 13/16
AN23-21
AN320-3
AN380-B2-2
SPARE NOTE
FOR PBY-1 & FOLLOWING.
(FOR XP3Y-1 DIM. IS 11 1/16)
11 9/16
IN SLOTS
DO NOT PAINT
-2 1×.049 AL ALLOY TUBE - 17ST COND.T SPEC. 44T21 OR 24ST COND.T SPEC. 44T28
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
P-Z-2AL OUTSIDE
P-Z-ABP INSIDE
ALL 28-5S 28L006 1
PBY-5 28L006 1
PBY-5A 28L006 1
PBY-2-4 28L006
PBY-1.3 28L006
XP3Y-1 28L006
AN23-21 1
AN380-B2-2 3
AN320-3 3
28L092 1
28L094-2 1
28L082 2
28L083 2
REPLACES
REPLACED BY
APPROVED 12-2-36 DATE
CALC.WT. .466
ACT.WT.
O.H. | MODEL | NEXT ASSY. | REQ. | STD PARTS | REQ. LH RH | PART NO. | REQ. LH RH
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
5-1-34
KB
NAV NOTED | NOTED | NONE | NOTED
MATERIAL | SPEC | HEAT TREAT | FINISH
W.M. | J. R. MILLER
DRFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
TUBE ASS'Y-FLOAT-CONTROL CENTER UPPER TORQUE-
OPP. HAND
DWG SIZE A
28L094
28L094

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
G	TRACED	11-14-36	HDW
H	CHG'D INSIDE DIA. FROM 1.006 $^{+.000}_{-.001}$ TO 1.008 $^{+.000}_{-.001}$	8-16-39	FOX
J	DIM. 1.008 ±.001 WAS 1.008 $^{+.000}_{-.001}$ NO WT. CHG.	7-23-92	CARNELL

E.O. A50985

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5AMN	28L096	16
	28-5AMN	28L095	24
	28-5AMN	28L107	1
	PBY-5B	28L096	16
	PBY-5B	28L095	24
	PBY-5B	28L107	1
	PBY-5	28L096	16
	PBY-5	28L095	24
	PBY-5	28L107	1

FINISH CODE
Z
P
AP ALUMINIZED PRIMER
C

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28L096	16
	PBY-5A	28L095	24
	PBY-5A	28L107	1
	PBY-2-4	28L095	
	PBY-2-4	28L096	
	PBY-2-4	28L107	
	PBY-1-3	28L095	
	PBY-1-3	28L107	
	PBY-1-3	28L098	
	XP3Y-1	28L006	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED: LAW — DATE: 11-14-36

CALC. WT. .009 — ACT. WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY C.M. ST. TUBE	44T18	NAF SN 276-1 (125,000)	C ME OUTSIDE

DRAFT	CHECK	EXAM.	ENG.
5-1-34		HB	
MANNING 18-1-36			L

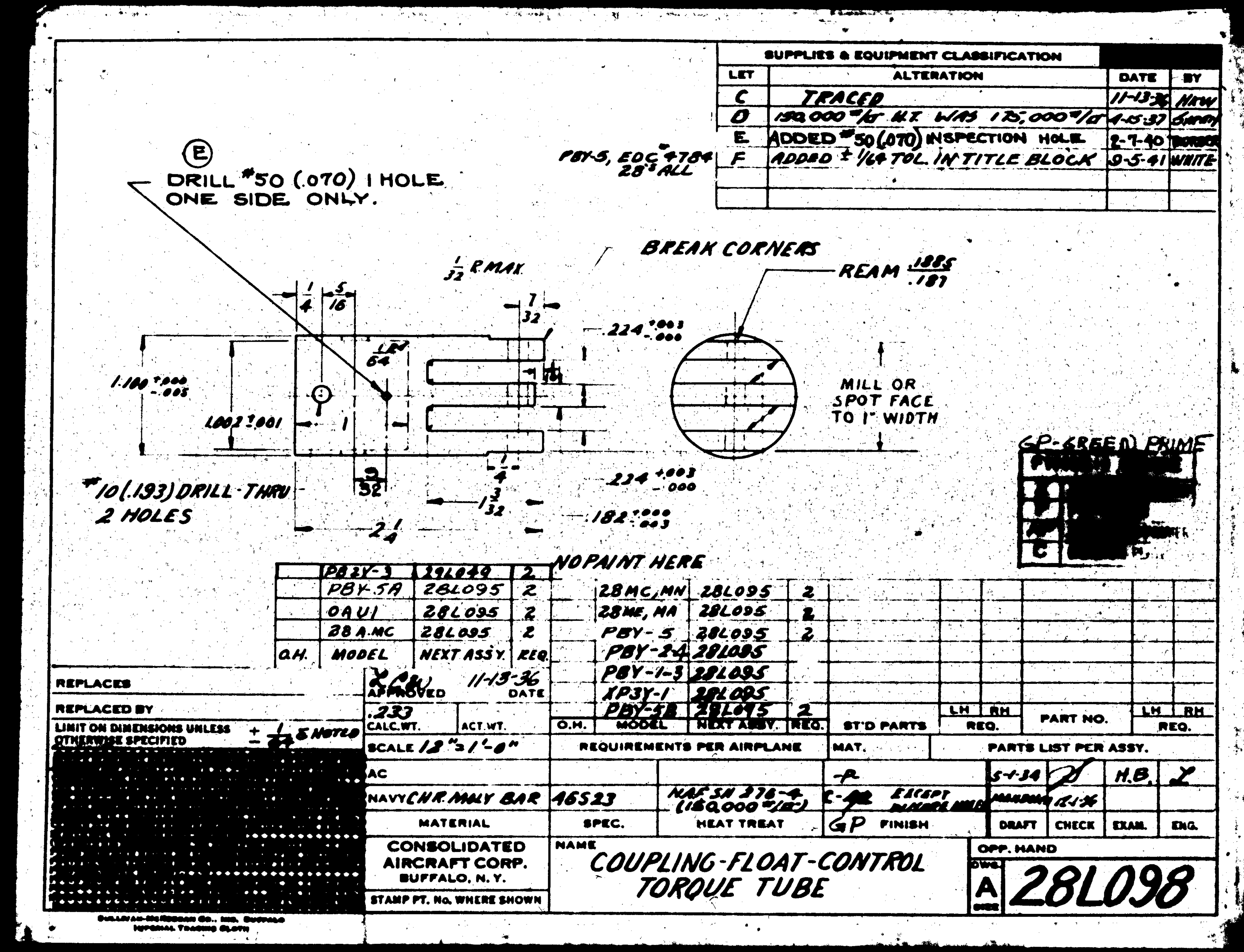
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: SLEEVE-FLOAT-CONTROL TORQUE TUBE BEARING

OPP. HAND

DWG. SIZE A — 28L097



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
C
TRACED
11-13-36
D
190,000#/□" U.T. WAS 175,000#/□"
4-15-37
E
ADDED #50 (.070) INSPECTION HOLE
2-7-40
F
ADDED ± 1/64 TOL. IN TITLE BLOCK
9-5-41
WHITE
PBY-5, EDC #4784
28'S ALL
E
DRILL #50 (.070) 1 HOLE
ONE SIDE ONLY.
BREAK CORNERS
1/32 R MAX
REAM .1885
.187
1/4
5/16
7/32
1/64
.224 +.003 -.000
1.100 +.000 -.005
1.002 ±.001
1
MILL OR
SPOT FACE
TO 1" WIDTH
GP-GREEN PRIME
9/32
1/4
.224 +.003 -.000
#10 (.193) DRILL-THRU
2 HOLES
1 3/32
.182 +.000 -.003
2 1/4
NO PAINT HERE
PB2Y-3
28L049
2
PBY-5A
28L095
2
OA U1
28L095
2
28 A.MC
28L095
2
O.H.
MODEL
NEXT ASSY.
REQ.
28MC, MN
28L095
2
28ME, MA
28L095
2
PBY-5
28L095
2
PBY-2-4
28L095
PBY-1-3
28L095
XP3Y-1
28L095
PBY-5B
28L095
2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64 & NOTED
APPROVED
11-13-36
DATE
.233
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY CHR. MOLY BAR
46S23
NAF SN 376-4 (150,000#/□")
EXCEPT
5-1-34
H.B.
12-1-36
MATERIAL
SPEC.
HEAT TREAT
GP
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N.Y.
NAME
COUPLING-FLOAT-CONTROL
TORQUE TUBE
OPP. HAND
DWG. SIZE
A
28L098
STAMP PT. No. WHERE SHOWN
SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	11-14-36	HRW

3/16 DRILL
2 HOLES-ONE SIDE ONLY

5

5/16 7/16

1.004 ± .001

1.063 ± .001

DIA CONCENTRIC WITHIN .005
OUTSIDE SURFACE TO BE
SMOOTH FOR BEARING

GP GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLA

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28L107	1						
	PBY-5A	28L107	1						
	PBY-2-4	28L107							
	PBY-1-3	28L107							
	XP3Y-1	28L107							

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

APPROVED HRW 11-14-36 DATE

.143 CALC. WT. | ACT. WT.

SCALE 12" = 1'-0"

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
1 1/2 O.D. x .065 NAVY C.M. ST. TUBE	44T18a	NAF 3M 276-1 (125,000)	C-AL (INSIDE ONLY) GP	5-3-39 HANDORF	HMP 12-1-36		L

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME SLEEVE-FLOAT-CONTROL TORQUE TUBE BEARING

OPP. HAND

DWG. SIZE A 28L102

SULLIVAN McKEOGAN Co. INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
G	TRACED	11-13-36	HKW

FINISH CODE

[illegible]	[illegible] TREATMENT
[illegible]	[illegible] PRIMER
[illegible]	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP-GREEN PRIME

SQUARE BOTH ENDS

L

#	L	FINISH
-2	$26\frac{3}{4}$	P. Z-ABP INSIDE
-3	$41\frac{31}{64}$	P2[illegible] OUTSIDE GP

O.H.	MODEL	NEXT ASSY.	REQ.
-2	PBY-5A	28L006	2EA
-3	PBY-5A	28L107	1EA
-3	PBY-2-4	28L107	
-2	PBY-2-4	28L006	
-3	PBY-1-3	28L107	
-2	PBY-1-3	28L006	
-3	XP3Y-1	28L107	
-2	XP3Y-1	28L006	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

APPROVED: HKW DATE: 11-13-36

CALC. WT.: -3 = .67, -2 = .78 ACT. WT.

SCALE 12" = 1'-0"

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY 1.00 x .049 ALUM TUBE	17 ST - COND T SPEC. 44T21; SS 24ST SPEC. 44T20	NONE	NOTED

DRAFT	CHECK	EXAM.	ENG.
5-3-34 MAN-PALM	12-1-36	[illegible]	[illegible]

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

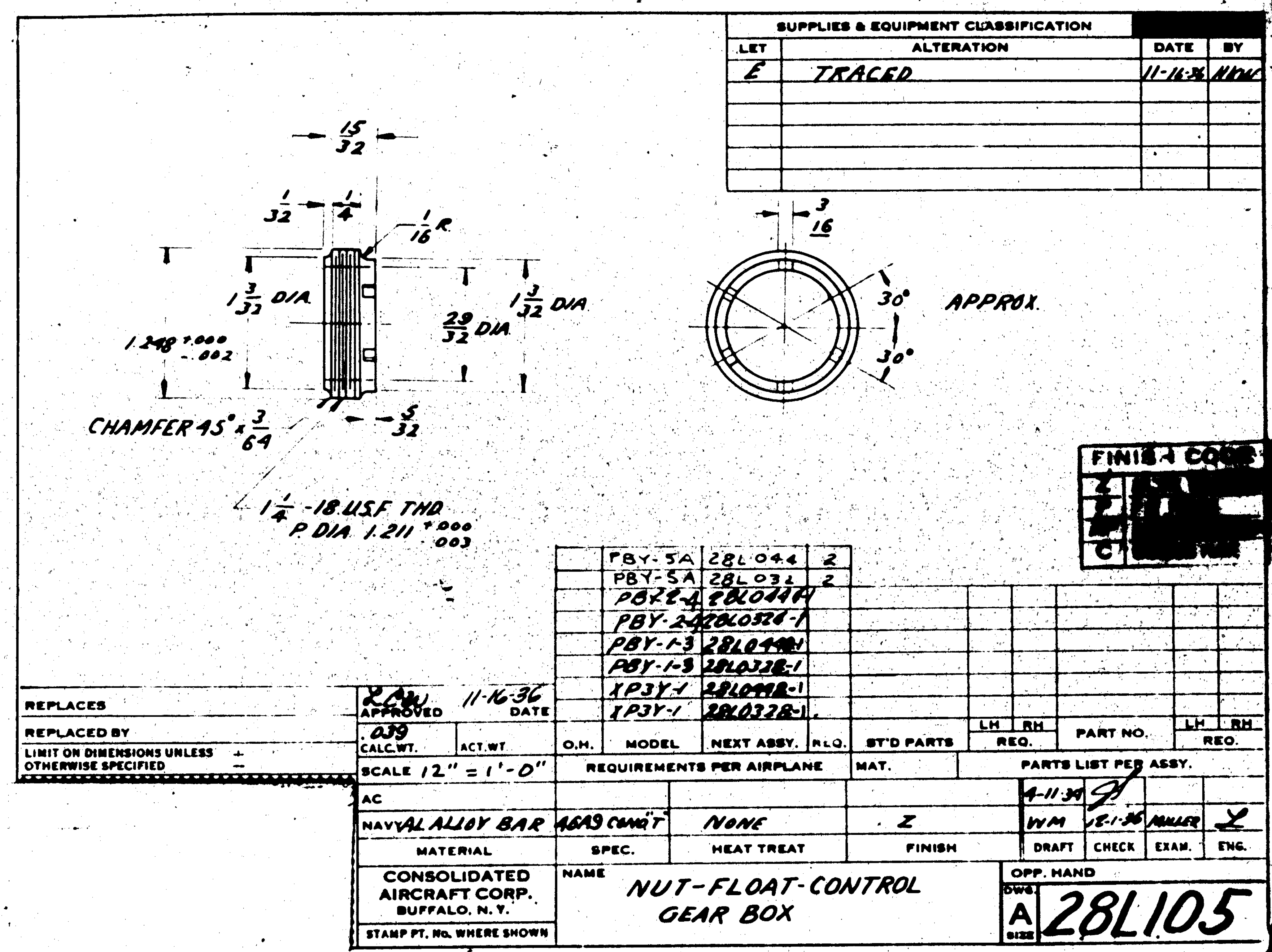
STAMP PT. No. WHERE SHOWN

NAME: TUBE-FLOAT-CONTROL OUTER TORQUE

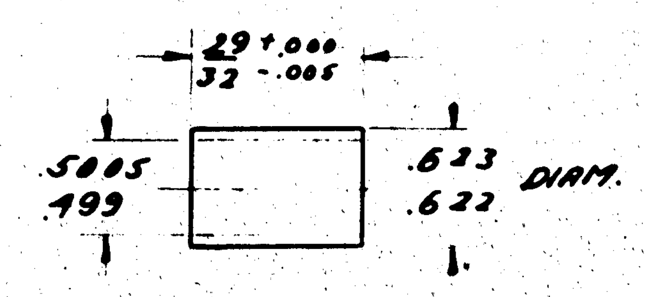
OPP. HAND

DWG. SIZE A — 28L104

SULLIVAN-McKEOGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
E | TRACED | 11-16-36 | NWK
15/32
1/32
1/4
1/16 R.
1 3/32 DIA
1.248 +.000 -.002
29/32 DIA
1 3/32 DIA
5/32
CHAMFER 45° x 3/64
1 1/4 -18 U.S.F. THD
P. DIA 1.211 +.000 -.003
3/16
30°
APPROX.
30°
FINISH CODE
PBY-5A | 28L044 | 2
PBY-5A | 28L032 | 2
PBY-2-4 | 28L044-1
PBY-2-4 | 28L0326-1
PBY-1-3 | 28L044-1
PBY-1-3 | 28L0328-1
XP3Y-1 | 28L0448-1
XP3Y-1 | 28L0328-1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
APPROVED 11-16-36 DATE
.039 CALC. WT.
ACT. WT.
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY AL ALLOY BAR | 46A9 COND. T | NONE | Z
MATERIAL | SPEC. | HEAT TREAT | FINISH
4-11-39
WM | 12-1-36 | MILLER
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME NUT-FLOAT-CONTROL GEAR BOX
OPP. HAND
DWG. A SIZE
28L105
SULLIVAN McKEEGAN Co. INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	ALTERATION	DATE	BY
SUPPLIES & EQUIPMENT CLASSIFICATION			
C	TRACED	12-2-36	H.E.W.
D	CHG. TO GR. 7E	1-18-37	F.B.
E	IN B/M, REPLACED "STAINLESS ST. 4631 ... GR. 7E (125000)" WITH "NOTED". ADDED MAT'L NOTE. NO WT. CHG.	9-16-43	



NOTE-
MAT'L. MAY BE-
(A) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5'S	28L030	2 EA
	PBY-5B	28L030	2
	PBY-5&5A	28L030	2 EA
	PBY-2-4	28L030	
	PBY-1-3	28L030	
	XP3Y-1	28L030	

ST'D PARTS | LH REQ. RH | PART NO. | LH REQ. RH

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

RCW 12-2-36
APPROVED DATE

.03
CALC. WT. | ACT. WT.

SCALE 12" = 1" ...

AC

NAVY NOTED
MATERIAL

NOTED	———	NAME	5-16-39 HAND-OLPH	12-1-36	H.B.	
SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

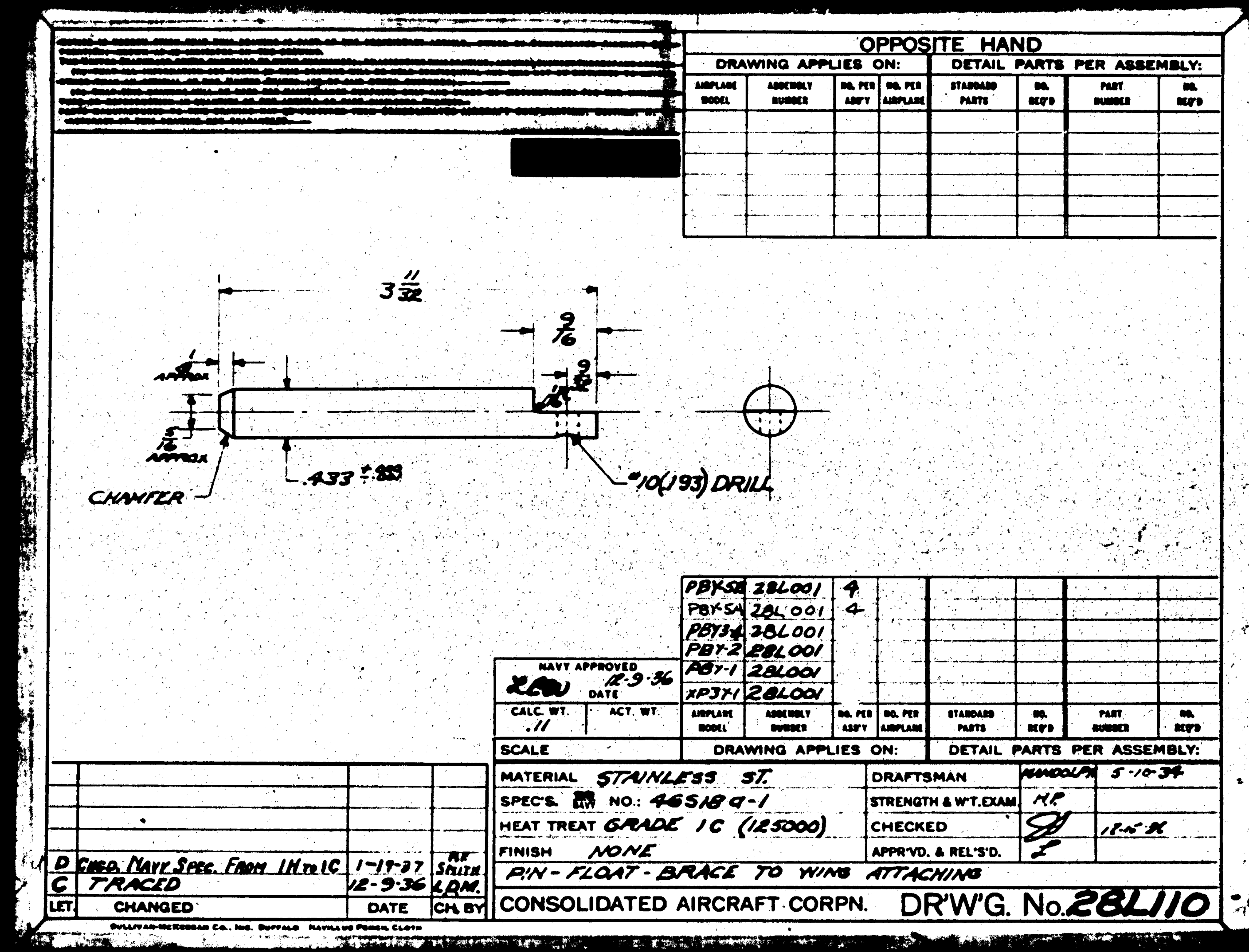
STAMP PT. No. WHERE SHOWN

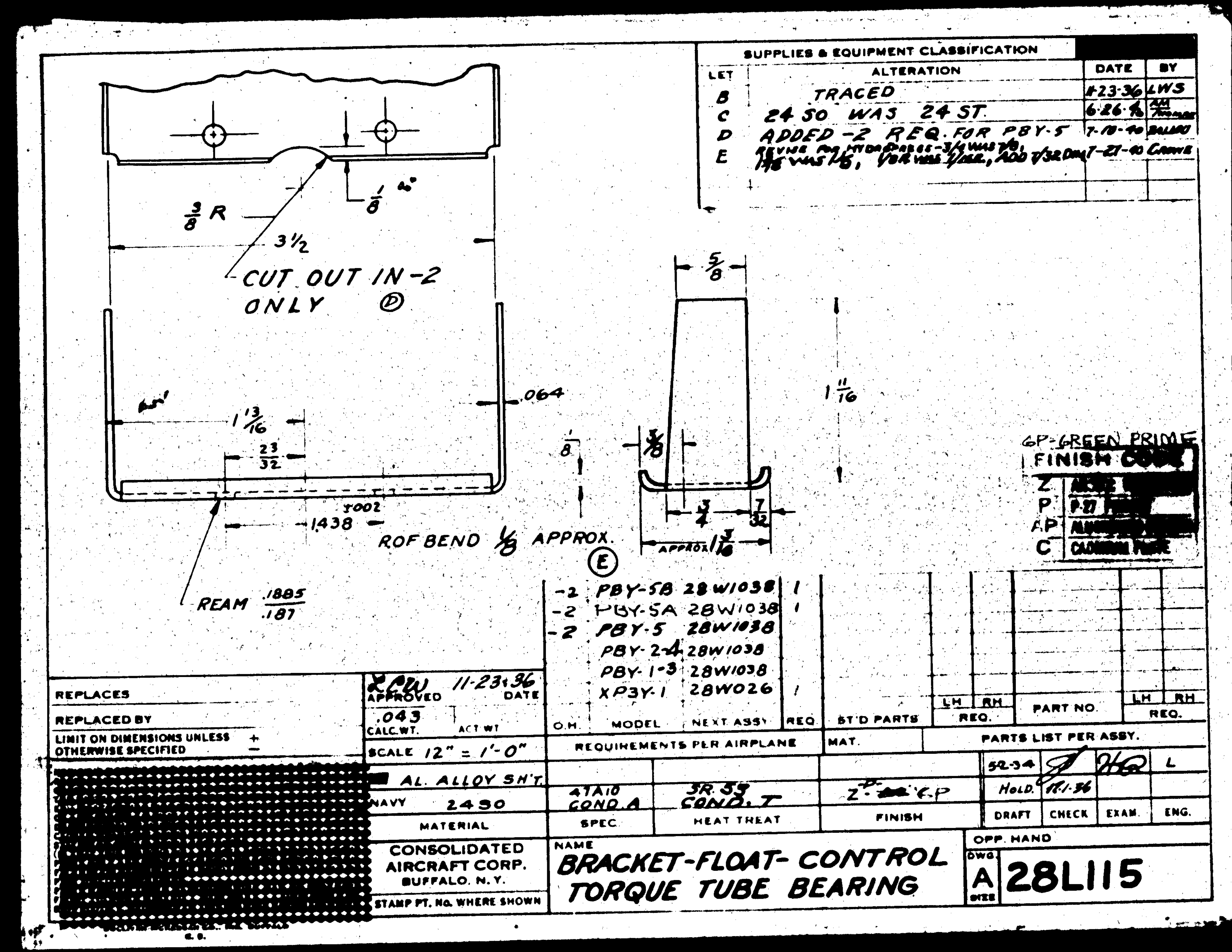
NAME SPACER-FLOAT-RETRACTING STRUT OPERATING ARM

OPP. HAND

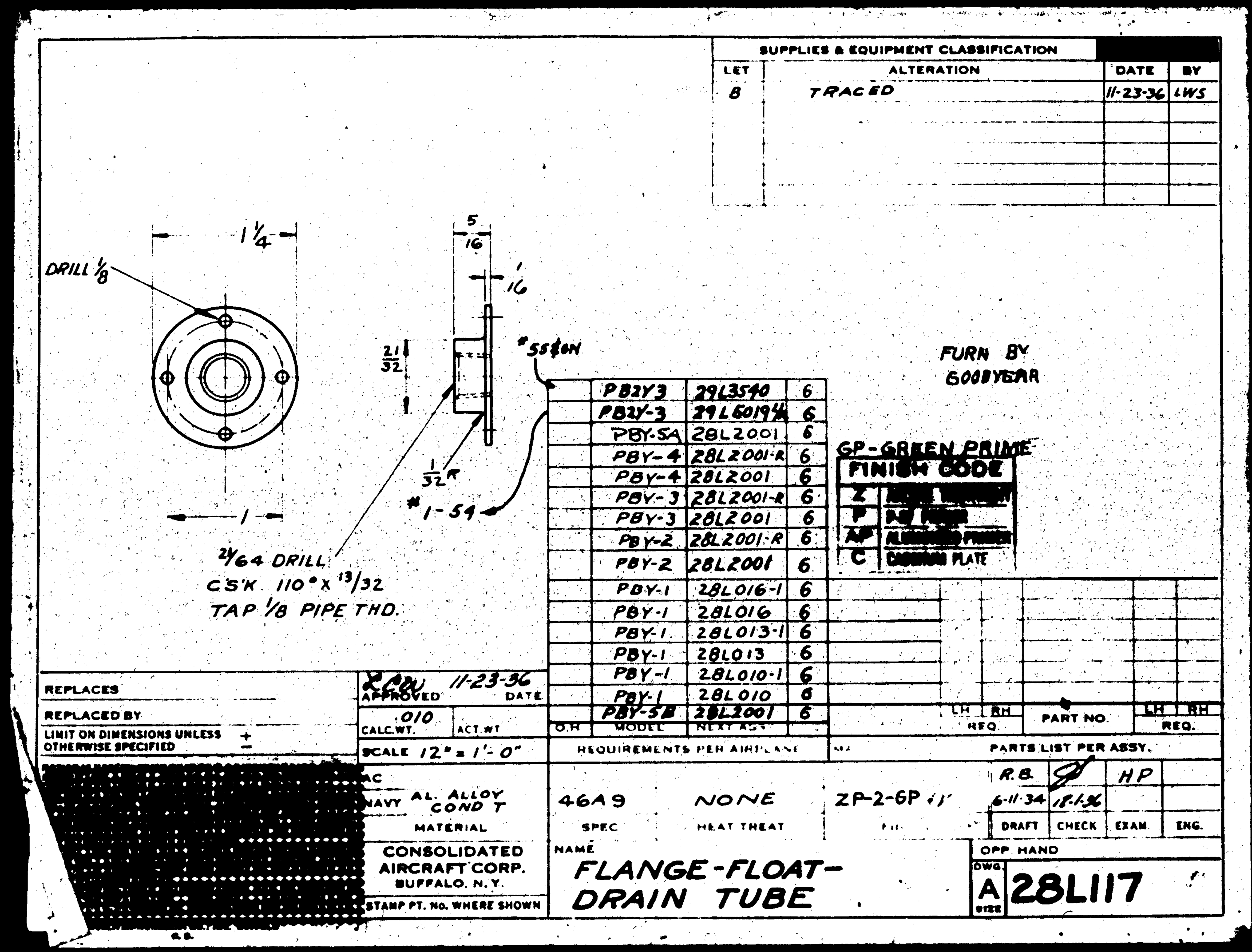
DWG. SIZE A 28L109

28L109

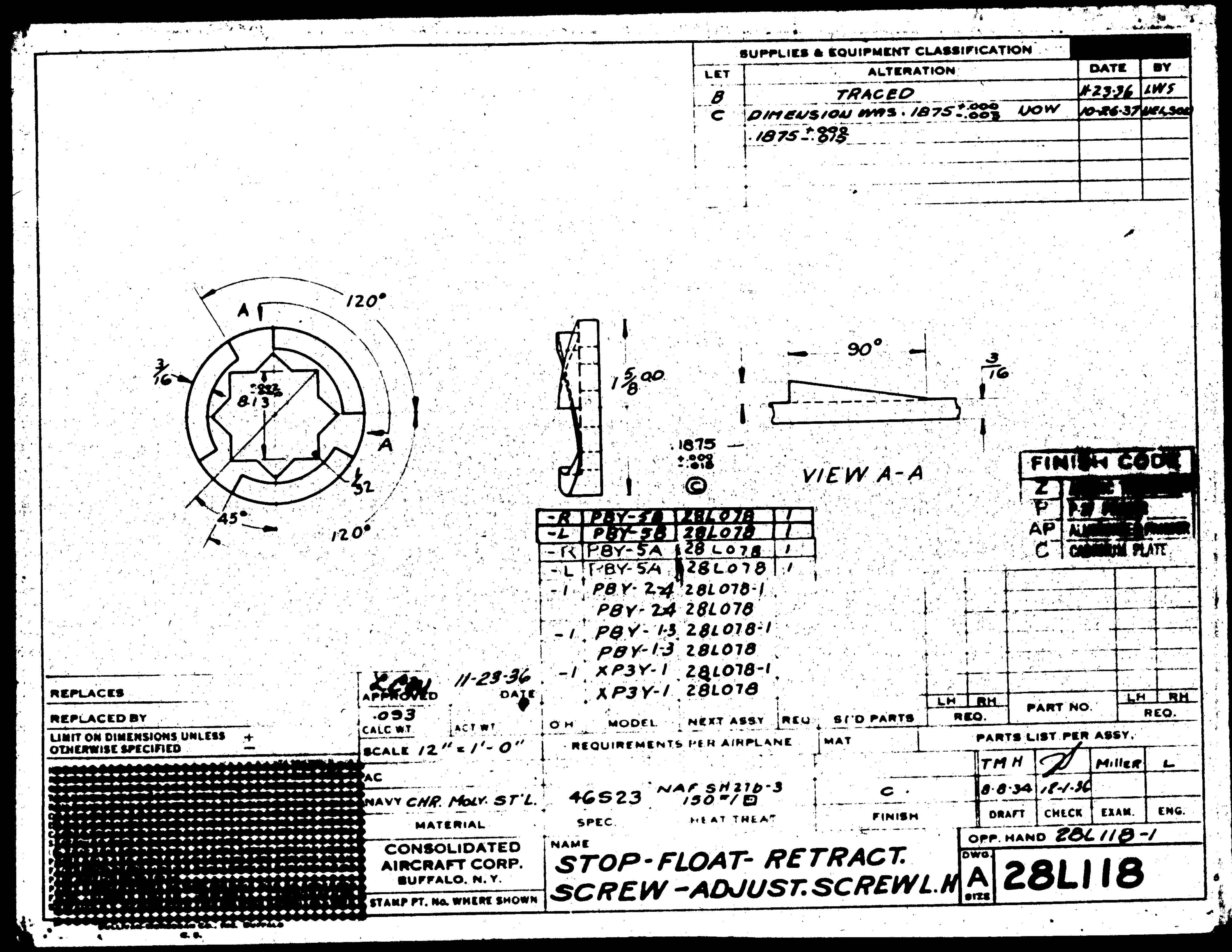

[redacted]
[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
3 11/32
9/16
9/32
1/16
1/16 APPROX
5/16 APPROX
CHAMFER
.433 +.000 -.003
#10(.193) DRILL
PBY-5A 28L001 4
PBY-5A 28L001 4
PBY3-4 28L001
PBY-2 28L001
PBY-1 28L001
XP3Y-1 28L001
NAVY APPROVED
OKD 12-9-36
DATE
CALC. WT. .11
ACT. WT.
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
SCALE
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
MATERIAL STAINLESS ST.
SPEC'S. NAV NO.: 46S18 a-1
HEAT TREAT GRADE 1C (125000)
FINISH NONE
DRAFTSMAN RANDOLPH 5-10-34
STRENGTH & W'T. EXAM. HP
CHECKED 12-15-36
APPR'VD. & REL'S'D.
PIN - FLOAT - BRACE TO WING ATTACHING
D CHGD. NAVY SPEC. FROM 1H TO 1C 1-19-37 HF SMITH
C TRACED 12-9-36 LDM.
LET. CHANGED DATE CH. BY
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 28L110
SULLIVAN-McKEEGAN CO., INC. BUFFALO NAVILLUS PENCIL CLOTH



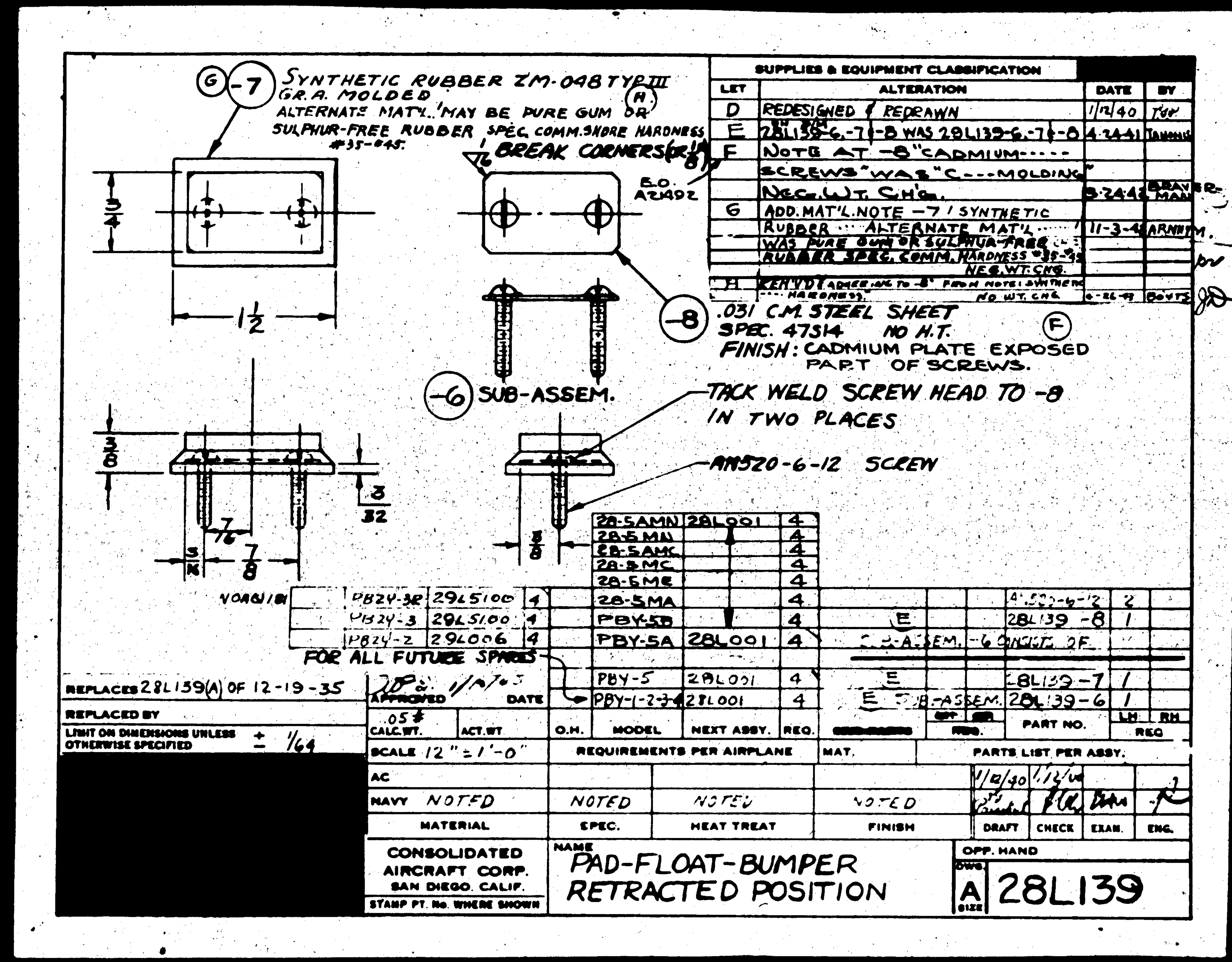
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B TRACED 11-23-36 LWS
C 24 SO WAS 24 ST 6-26-
D ADDED -2 REQ. FOR PBY-5 7-10-40
E 7-27-40
3/8 R
3 1/2
1/8
CUT OUT IN -2 ONLY (D)
5/8
1 11/16
.064
1 13/16
23/32
1/8
3/16
3/4
7/32
.1438
±.002
ROF BEND 1/8 APPROX.
(E)
APPROX 1 3/16
REAM .1885 .187
GP-GREEN PRIME
FINISH CODE
Z
P
AP
C
-2 PBY-5B 28W1038 1
-2 PBY-5A 28W1038 1
-2 PBY-5 28W1038
PBY-2-4 28W1038
PBY-1-3 28W1038
XP3Y-1 28W026 1
O.H.
MODEL
NEXT ASSY
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED +
-
11-23-36
APPROVED
DATE
.043
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AL. ALLOY SH'T.
NAVY 24 SO
MATERIAL
4TA10 COND. A
SPEC.
SR 59 COND. T
HEAT TREAT
Z- GP
FINISH
52-34
HOLD. 11-1-36
L
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. NO. WHERE SHOWN
NAME
BRACKET-FLOAT-CONTROL TORQUE TUBE BEARING
DWG. SIZE A
28L115



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
11-23-36
LWS
1 1/4
DRILL 1/8
5/16
1/16
21/32
#55$ON
1/32 R
#1-54
1
21/64 DRILL
CS'K 110° x 13/32
TAP 1/8 PIPE THD.
FURN BY GOODYEAR
GP-GREEN PRIME
FINISH CODE
Z
P
AP
C
PB2Y3 | 29L3540 | 6
PB2Y-3 | 29L6019½ | 6
PBY-5A | 28L2001 | 6
PBY-4 | 28L2001-R | 6
PBY-4 | 28L2001 | 6
PBY-3 | 28L2001-R | 6
PBY-3 | 28L2001 | 6
PBY-2 | 28L2001-R | 6
PBY-2 | 28L2001 | 6
PBY-1 | 28L016-1 | 6
PBY-1 | 28L016 | 6
PBY-1 | 28L013-1 | 6
PBY-1 | 28L013 | 6
PBY-1 | 28L010-1 | 6
PBY-1 | 28L010 | 6
PBY-5B | 28L2001 | 6
O.H.
MODEL
NEXT ASS'Y
REQUIREMENTS PER AIRPLANE
LH
RH
REQ.
PART NO.
LH
RH
REQ.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
APPROVED 11-23-36 DATE
.010
CALC.WT.
ACT.WT
SCALE 12" = 1'-0"
AC
NAVY AL. ALLOY COND T
MATERIAL
46A9
SPEC
NONE
HEAT TREAT
ZP-2-GP
R.B.
HP
6-11-34
18-1-36
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
FLANGE-FLOAT-DRAIN TUBE
OPP. HAND
DWG.
A
SIZE
28L117

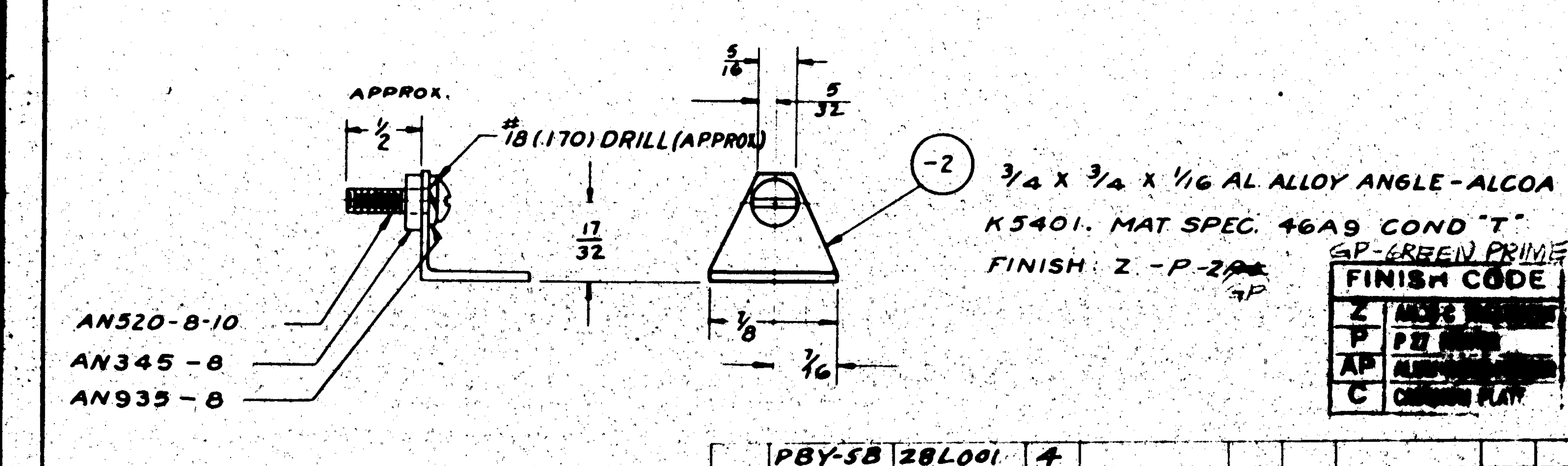


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
11-23-36
LWS
C
DIMENSION WAS .1875 +.000 -.003 NOW .1875 +.002 -.015
10-26-37
120°
A
3/16
.813
1 5/8 OD
90°
3/16
A
1/32
45°
120°
.1875 +.002 -.015
C
VIEW A-A
FINISH CODE
Z
P
AP
C
CADMIUM PLATE
-R PBY-5B 28L078 1
-L PBY-5B 28L078 1
-R PBY-5A 28L078 1
-L PBY-5A 28L078 1
-1 PBY-2-4 28L078-1
PBY-2-4 28L078
-1 PBY-1-3 28L078-1
PBY-1-3 28L078
-1 XP3Y-1 28L078-1
XP3Y-1 28L078
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
11-23-36
DATE
.093
CALC WT
ACT WT
SCALE 12" = 1'-0"
AC
NAVY CHR. MOLY. ST'L.
MATERIAL
46S23
SPEC.
NAF SH21b-3 150#/□
HEAT TREAT
C
FINISH
O H
MODEL
NEXT ASSY
REQ
ST'D PARTS
REQUIREMENTS PER AIRPLANE
MAT
LH
RH
REQ.
PART NO.
PARTS LIST PER ASSY.
TMH
Miller
L
8-8-34
12-1-36
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND 28L118-1
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
STOP-FLOAT-RETRACT. SCREW-ADJUST. SCREW L.H.
DWG.
A
SIZE
28L118



SYNTHETIC RUBBER ZM-048 TYP III GR.A. MOLDED
ALTERNATE MAT'L. MAY BE PURE GUM OR SULPHUR-FREE RUBBER SPEC. COMM. SHORE HARDNESS #35-#45.
BREAK CORNERS
E.O. A2492
.031 C.M. STEEL SHEET SPEC. 47514 NO H.T.
FINISH: CADMIUM PLATE EXPOSED PART OF SCREWS.
-6 SUB-ASSEM.
TACK WELD SCREW HEAD TO -8 IN TWO PLACES
AN520-6-12 SCREW
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
D
REDESIGNED & REDRAWN
1/12/40
E
28L139-6,-7,-8 WAS 28L139-6,-7,-8
4-24-41
F
NOTE AT -8 "CADMIUM---- SCREWS" WAS "C---MOLDING"
NEG. WT. CH'G.
3-24-42
G
ADD. MAT'L. NOTE -7 / SYNTHETIC RUBBER ... ALTERNATE MAT'L ... WAS PURE GUM OR SULPHUR-FREE RUBBER SPEC. COMM. HARDNESS #35-45
NEG. WT. CHG.
11-3-42
H
NO WT. CHG.
FOR ALL FUTURE SPARES
REPLACES 28L139(A) OF 12-19-35
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED
DATE
.05#
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
28-5AMN
28L001
4
28-5MN
4
28-5AMC
4
28-5MC
4
28-5ME
4
28-5MA
4
PBY-5B
4
PBY-5A
28L001
4
PBY-5
28L001
4
PBY-1-2-3-4
28L001
4
PB2Y-3R
29L5100
4
PB2Y-3
29L5100
4
PB2Y-2
29L006
4
SUB-ASSEM. -6 CONSISTS OF
28L139-8
1
28L139-7
1
SUB-ASSEM. 28L139-6
1
PART NO.
LH
RH
REQ
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
NOTED
NOTED
NOTED
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
1/12/40
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
PAD-FLOAT-BUMPER RETRACTED POSITION
OPP. HAND
DWG.
A
SIZE
28L139

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
E	TRACED	11-17-36	LWS
F	N.A. FOR PBY-2 4-3 WAS 28W020	7-26-37	REA.



O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5B	28L001	4						
	PBY-5A	28L001	4						
	PBY-3-4	28L001							
	PBY-2	28L001		AN520-8-10	1				
	PBY-1	28L001		AN345-8	1				
	XP3Y-1	28L001		AN935-8	1		-2	1	

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

APPROVED: LCW — DATE: 11-17-36

CALC. WT.: .02 — ACT. WT.:

SCALE 12" = 1'-0"

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC				
NAVY	NOTED	NOTED	—	NOTED

MANU'F		Miller	
1-11-34	12-1-36		
DRAFT	CHECK	EXAM.	ENG.

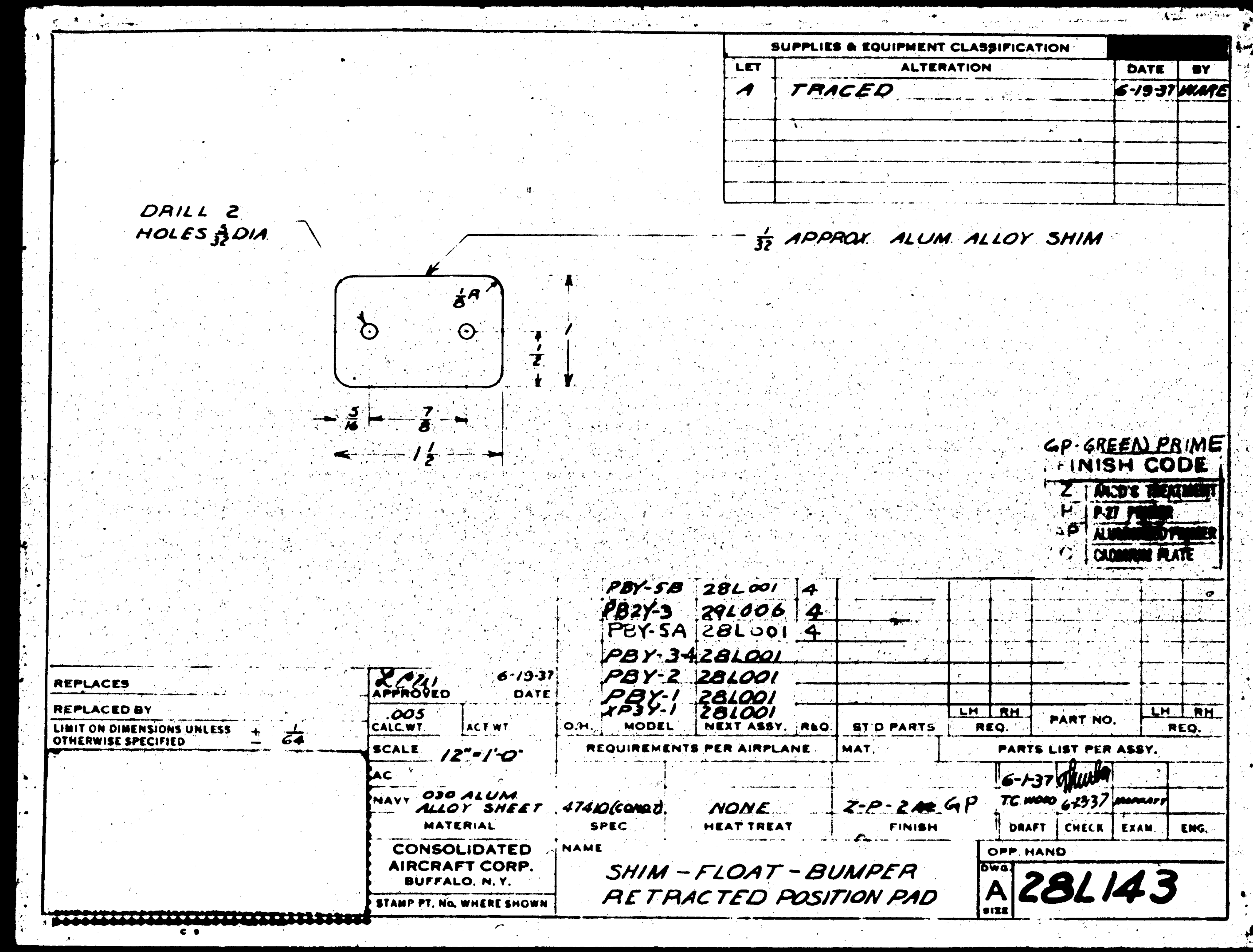
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

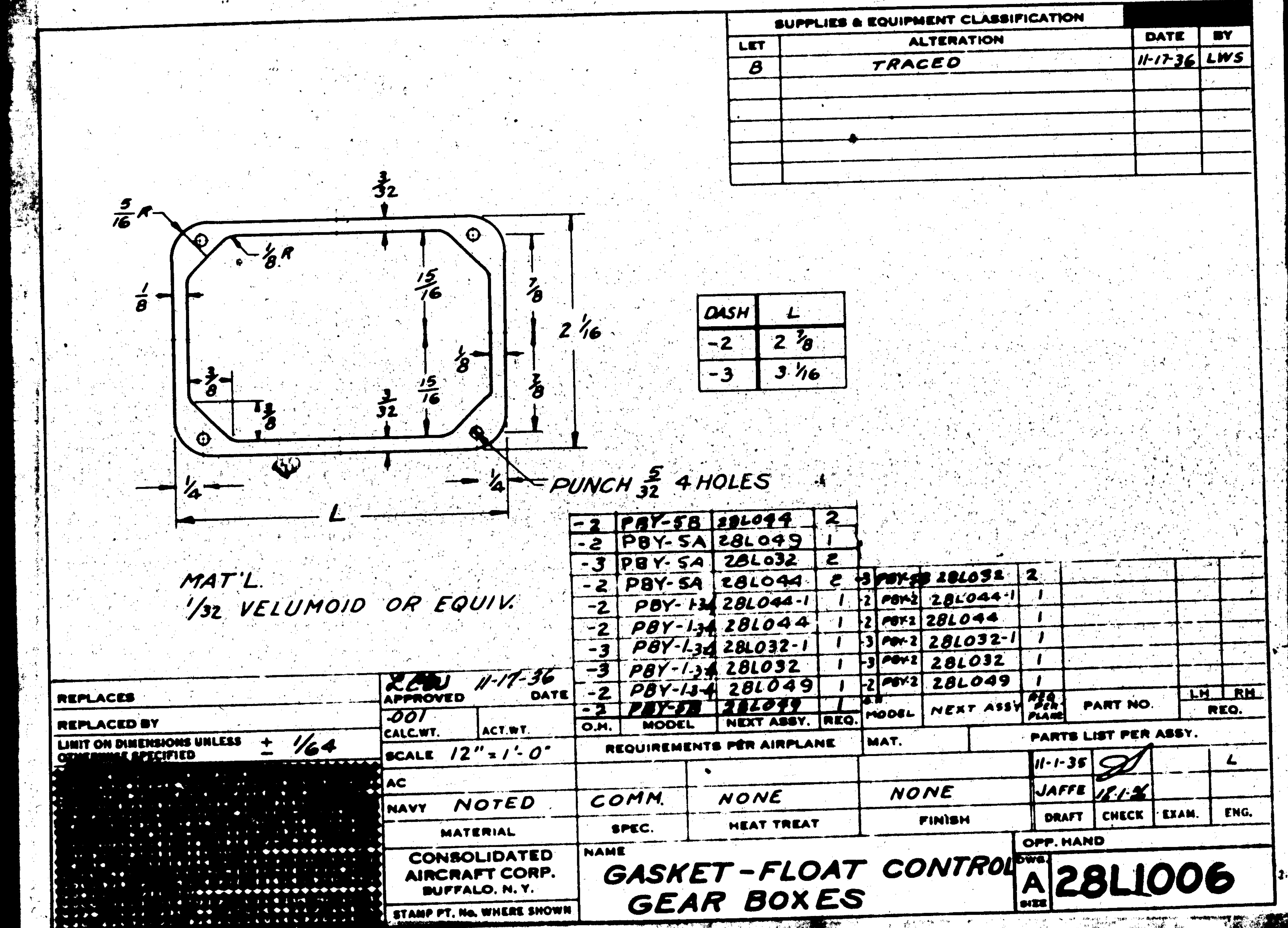
NAME: CLIP - FLOAT-STRUT PIN LOCK

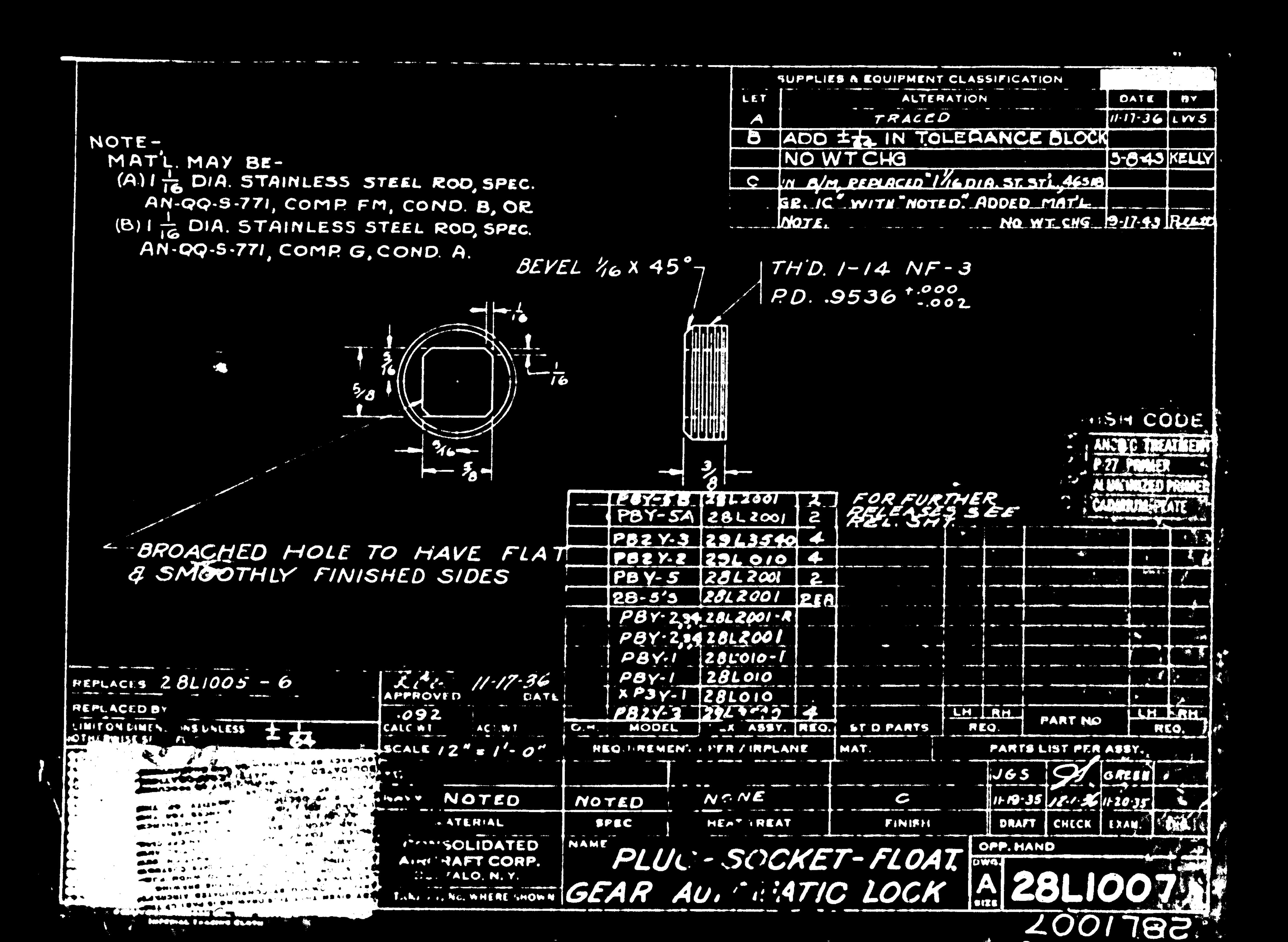
OPP. HAND

DWG. SIZE A — 28L141



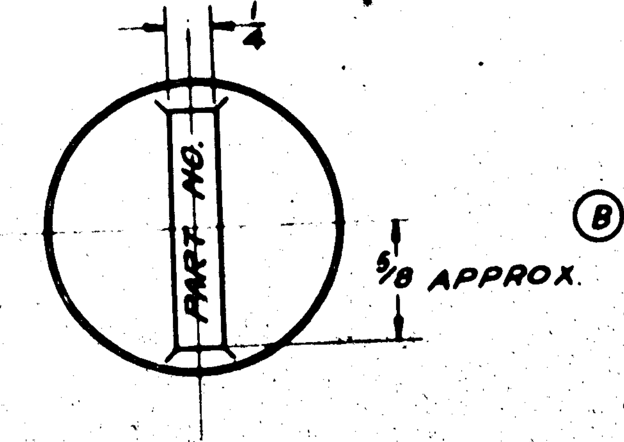
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
6-19-37
WARE
DRILL 2 HOLES 5/32 DIA.
1/32 APPROX. ALUM. ALLOY SHIM
1/8 R
1/2
1
5/16
7/8
1 1/2
GP-GREEN PRIME
FINISH CODE
Z
ANODIC TREATMENT
P
P-27 PRIMER
AP
ALUMINIZED PRIMER
C
CADMIUM PLATE
PBY-5B 28L001 4
PB2Y-3 29L006 4
PBY-5A 28L001 4
PBY-3-4 28L001
PBY-2 28L001
PBY-1 28L001
XP3Y-1 28L001
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED 6-19-37 DATE
.005 CALC.WT.
ACT WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
.030 ALUM. ALLOY SHEET
MATERIAL
47410(COND.)
SPEC
NONE
HEAT TREAT
Z-P-2 GP
FINISH
6-1-37
TC WOOD 6-23-37
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
SHIM - FLOAT - BUMPER RETRACTED POSITION PAD
OPP. HAND
DWG. A SIZE
28L143


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
11-17-36
LWS
5/16 R
3/32
1/8 R
15/16
7/8
1/8
2 1/16
1/8
3/8
3/8
3/32
15/16
7/8
1/4
1/4
PUNCH 5/32 4 HOLES
L
DASH
L
-2
2 7/8
-3
3 1/16
MAT'L.
1/32 VELUMOID OR EQUIV.
-2 PBY-5B 28L044 2
-2 PBY-5A 28L049 1
-3 PBY-5A 28L032 2
-2 PBY-5A 28L044 2
-2 PBY-1-3-4 28L044-1 1
-2 PBY-1-3-4 28L044 1
-3 PBY-1-3-4 28L032-1 1
-3 PBY-1-3-4 28L032 1
-2 PBY-1-3-4 28L049 1
-2 PBY-5B 28L049 1
C.O.
MODEL
NEXT ASSY.
REQ.
-3 PBY-5B 28L032 2
-2 PBY-2 28L044-1 1
-2 PBY-2 28L044 1
-3 PBY-2 28L032-1 1
-3 PBY-2 28L032 1
-2 PBY-2 28L049 1
MODEL
NEXT ASSY
REQ. PER PLANE
PART NO.
LH
RH
REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED
11-17-36
DATE
.001
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
COMM.
NONE
NONE
11-1-35
JAFFE
L
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
GASKET-FLOAT CONTROL GEAR BOXES
DWG.
A
SIZE
28L1006
STAMP PT. No. WHERE SHOWN



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A TRACED 11-17-36 LWS
B ADD ± IN TOLERANCE BLOCK NO WT CHG 5-8-43 KELLY
C IN B/M, REPLACED "1 1/16 DIA. ST. STL. 4651B GR. IC" WITH "NOTED". ADDED MAT'L NOTE. NO WT CHG 9-17-43
NOTE -
MAT'L. MAY BE -
(A) 1 1/16 DIA. STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B) 1 1/16 DIA. STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.
BEVEL 1/16 X 45°
TH'D. 1-14 NF-3
P.D. .9536 +.000 -.002
1/16
3/16
5/8
1/16
9/16
5/8
3/8
BROACHED HOLE TO HAVE FLAT & SMOOTHLY FINISHED SIDES
PBY-5B 28L2001 2
PBY-5A 28L2001 2
PB2Y-3 29L3540 4
PB2Y-2 29L010 4
PBY-5 28L2001 2
28-5'S 28L2001 2EA
PBY-2,3,4 28L2001-R
PBY-2,3,4 28L2001
PBY-1 28L010-1
PBY-1 28L010
XP3Y-1 28L010
PB2Y-3 4
MODEL | ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
FOR FURTHER RELEASES SEE REL. SHT.
ST'D PARTS
LH RH REQ.
PART NO
MAT.
PARTS LIST PER ASSY.
FINISH CODE
ANODIC TREATMENT
P-27 PRIMER
ALUMINIZED PRIMER
CADMIUM PLATE
REPLACES 28L1005 - 6
REPLACED BY
APPROVED 11-17-36 DATE
.092 CALC WT
SCALE 1/2" = 1'-0"
NOTED
MATERIAL
NOTED
SPEC
NONE
HEAT TREAT
C
FINISH
JGS 11-19-35 DRAFT
12-1-36 CHECK
GREEN 11-20-35 EXAM.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
PLUG - SOCKET - FLOAT GEAR AUTOMATIC LOCK
OPP. HAND
DWG. A SIZE 28L1007
28L1007

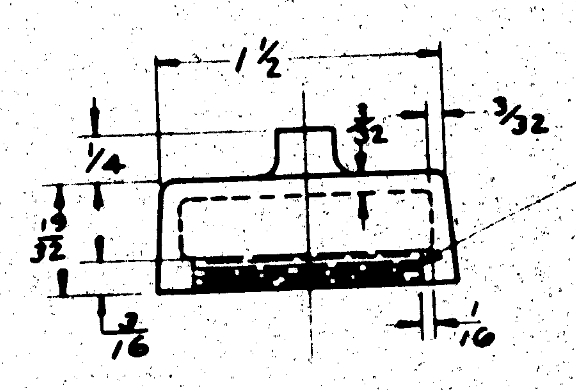
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	11-17-36	LWS
B	IN BIM, REPLACED "ALCOA" 195T4, "AL ALLOY CST6," "46A1-CL4," & "29,000#/□" WITH "NOTED" TO FACE, ADDED MATERIAL NOTE NO WT. CHG.	8-26-43	HODIK



(B) MATERIAL MAY BE-

1.- AL ALLOY CASTING 195T4, SPEC. AN-QQ-A-390 CL I, T.S. 29,000 P.S.I., OR

2.- AL ALLOY CASTING S195T6, SPEC. AN-A-5 CL II, T.S. 32,000 P.S.I.



1 1/4-18 USF TH'D.
BORE 1.189 ±.002
P. DIA. 1.214 +.003 -.000
SEE RELEASE SHEET

6P GREEN PRIME

FINISH CODE

Z	[illegible]
P	[illegible]
AP	[illegible]
C	[illegible]

MODEL	NEXT ASSY.	REQ.
PBY-5	28L057	1
PBY-5B	28L057	1
PBY-5A	28L057	1
PBY-2	28L057	
PBY-1-3	28L057	
XP3Y-1	28L057	

REQUIREMENTS PER AIRPLANE — ST'D PARTS — PART NO. — LH / RH REQ. — PARTS LIST PER ASSY. — MAT.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32
APPROVED	LCW
DATE	11-17-36
CALC. WT.	.10
ACT. WT.	
SCALE	12" = 1'-0"

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY NOTED	NOTED	NOTED	2-P-2ZP (OUTSIDE)	JGS 11-20-35	12-1-36	GREEN 12-5-35	L

OPP. HAND

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

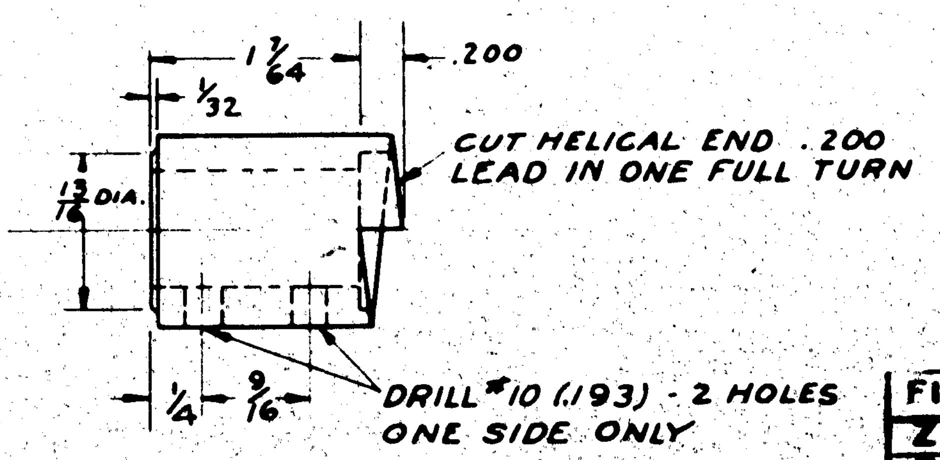
NAME: CAP-FLOAT-CONTROL GEAR BOX

DWG. SIZE A — 28L1008

28L1008

SULLIVAN-McKEEGAN CO., INC. BUFFALO — IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	11-17-36	LWS



13/16 DIA. C'BORE.
1 3/16 DIA.
1
BORE .628 +.002 -.000 DIA.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

HELICAL AS SHOWN FOR L.H. PART
" OPPOSITE FOR R.H. PART.

O.H.	MODEL	NEXT ASSY.	REQ.	O.H.	MODEL	NEXT ASSEM	REQ		LH	RH
-1	PBY-2A	28L1010-1								
	PBY-2A	28L1010								
-1	PBY-1-3	28L1010-1		-R	PBY-5B	28L1010	1			
	PBY-1-3	28L1010		-L	PBY-5B	28L1010	1			
-1	XP3Y-1	28L1010-1		-R	PBY-5A	28L1010	1			
	XP3Y-1	28L1010		-L	PBY-5A	28L1010	1			

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY. — REQ.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010
APPROVED	LCW
DATE	11-17-36
CALC. WT.	.15
ACT. WT.	
SCALE	12" = 1'-0"

[redacted]

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC			
NAVY CHR. MOLY STL.	46523	125,000 #/□" NAF SH 27-1	C

DRAFT	CHECK	EXAM.	ENG.
SHONTS		Miller	
6-17-36	12-4-36		

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

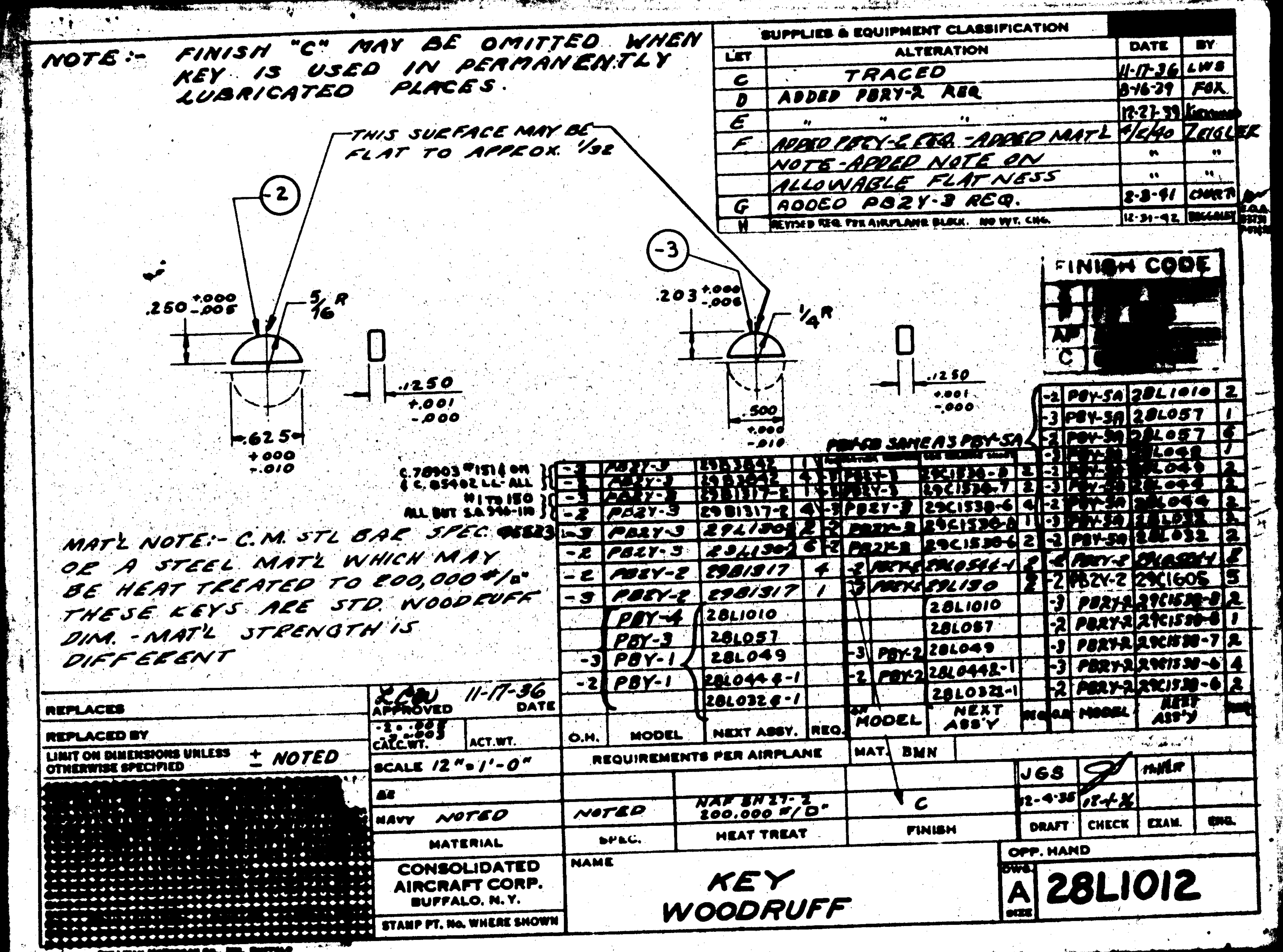
STAMP PT. No. WHERE SHOWN

NAME: NUT - FLOAT - RECOIL MECH. - SPECIAL -

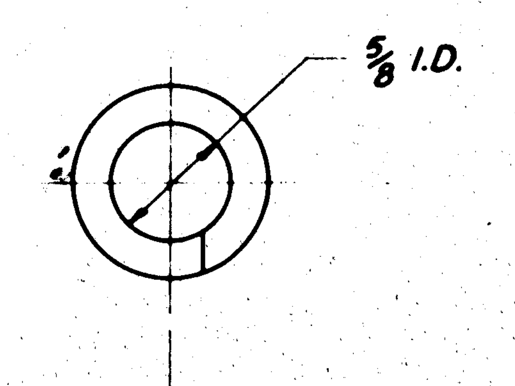
OPP. HAND 28L1009-1

DWG. SIZE A — 28L1009

SULLIVAN-HOFFMAN CO., INC. BUFFALO
(IMPERIAL TRACING CLOTH)


NOTE:- FINISH "C" MAY BE OMITTED WHEN KEY IS USED IN PERMANENTLY LUBRICATED PLACES.
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
C
TRACED
11-17-36
LWS
D
ADDED PBRY-2 REQ
8-16-39
FOX
E
12-27-39
F
ADDED PBZY-2 REQ. - ADDED MAT'L NOTE - ADDED NOTE ON ALLOWABLE FLATNESS
4/6/40
ZEIGLER
G
ADDED PB2Y-3 REQ.
2-3-41
H
REVISED REQ. PER AIRPLANE BLOCK. NO WT. CHG.
12-31-42
THIS SURFACE MAY BE FLAT TO APPROX. 1/32
-2
-3
.250 +.000 -.005
5/16 R
.625
+.000 -.010
.1250
+.001 -.000
.203 +.000 -.006
1/4 R
.500
+.000 -.010
.1250
+.001 -.000
FINISH CODE
C
MAT'L NOTE:- C.M. STL BAR SPEC. OR A STEEL MAT'L WHICH MAY BE HEAT TREATED TO 200,000 #/□" THESE KEYS ARE STD. WOODRUFF DIM. - MAT'L STRENGTH IS DIFFERENT
-2 PB2Y-3 29B1317-2 4
-3 PB2Y-3 29L1302 2
-2 PB2Y-3 29L1302 6
-2 PBZY-2 29B1317 4
-3 PBZY-2 29B1317 1
PBY-4 28L1010
PBY-3 28L057
-3 PBY-1 28L049
-2 PBY-1 28L0448-1
28L0328-1
-3 PB2Y-3 29C1538-6 4
-3 PBY-2 28L049
-2 PBY-2 28L0448-1
28L1010
28L057
28L0328-1
PBY-5B SAME AS PBY-5A
-2 PBY-5A 28L1010 2
-3 PBY-5A 28L057 1
-2 PBY-5A 28L057
-2 PBY-5A 28L032 2
-2 PB2Y-2 29C1605 5
-3 PB2Y-2 1
-3 PB2Y-2 29C1538-7 2
-3 PB2Y-2 29C1538-6 4
-2 PB2Y-2 29C1538-6 2
O.H.
MODEL
NEXT ASSY.
REQ.
MODEL
NEXT ASS'Y
REQUIREMENTS PER AIRPLANE
REPLACES
REPLACED BY
APPROVED
11-17-36
DATE
CALC. WT.
ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± NOTED
SCALE 12" = 1'-0"
MAT. BMN
NAVY NOTED
NOTED
NAF SH27-2 200,000 #/□"
C
MATERIAL
SPEC.
HEAT TREAT
FINISH
JGS
12-4-36
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
KEY WOODRUFF
DWG. SIZE A
28L1012
STAMP PT. No. WHERE SHOWN

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	11-17-36	LWS
B	MATERIAL "FELT S.A.E. F-13, 27F7 GR. A" WAS "FELT, 27F7-A" REMOVED "HARD" FROM NOTE "MAKE.... SHOWN" WT. CHG. NEG.	10-25-42	MOLL



MAKE FROM 3/16 FELT (B)
CUT APPROX. AS SHOWN

	28-5MA, ME	28L032	2
	28-5MN, AMN	28L032	2
	28-5MC AMC	28L032	2
	28-5MA, ME	28L049	1
	28-5MN, AMN	28L049	1
	28-5MC, AMC	28L049	1

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A LB	28L049	1 LA
	PBY-5A LB	28L032	2 LA
	PBY-5	28L049	1
	PBY-2-4	28L049	
	PBY-2-4	28L032	
	PBY-1-3	28L049	
	PBY-1-3	28L032	
	XP3Y-1	28L049	
	XP3Y-1	28L032	
	PBY-5	28L032	2 LA

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED +/−

APPROVED: LCW — DATE: 11-17-36

CALC. WT.: .04 — ACT. WT.:

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY FELT SA.E. F-13	27F7 GR. A	NONE	NONE	J.G.S. 12-9-35	12-1-36	Miller	

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

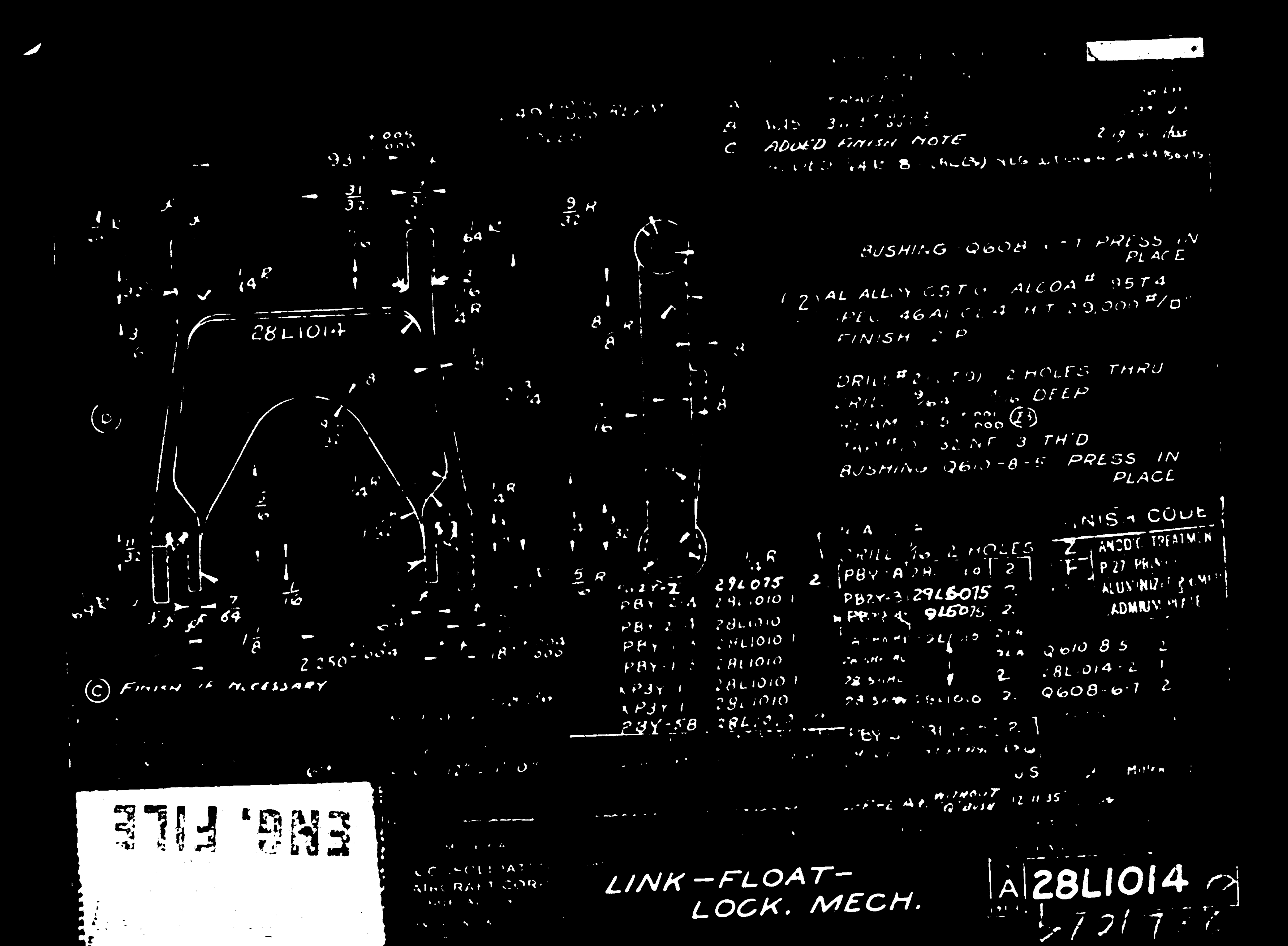
STAMP PT. No. WHERE SHOWN

NAME: RETAINER – FLOAT-CONTROL GEAR BOXES – GREASE –

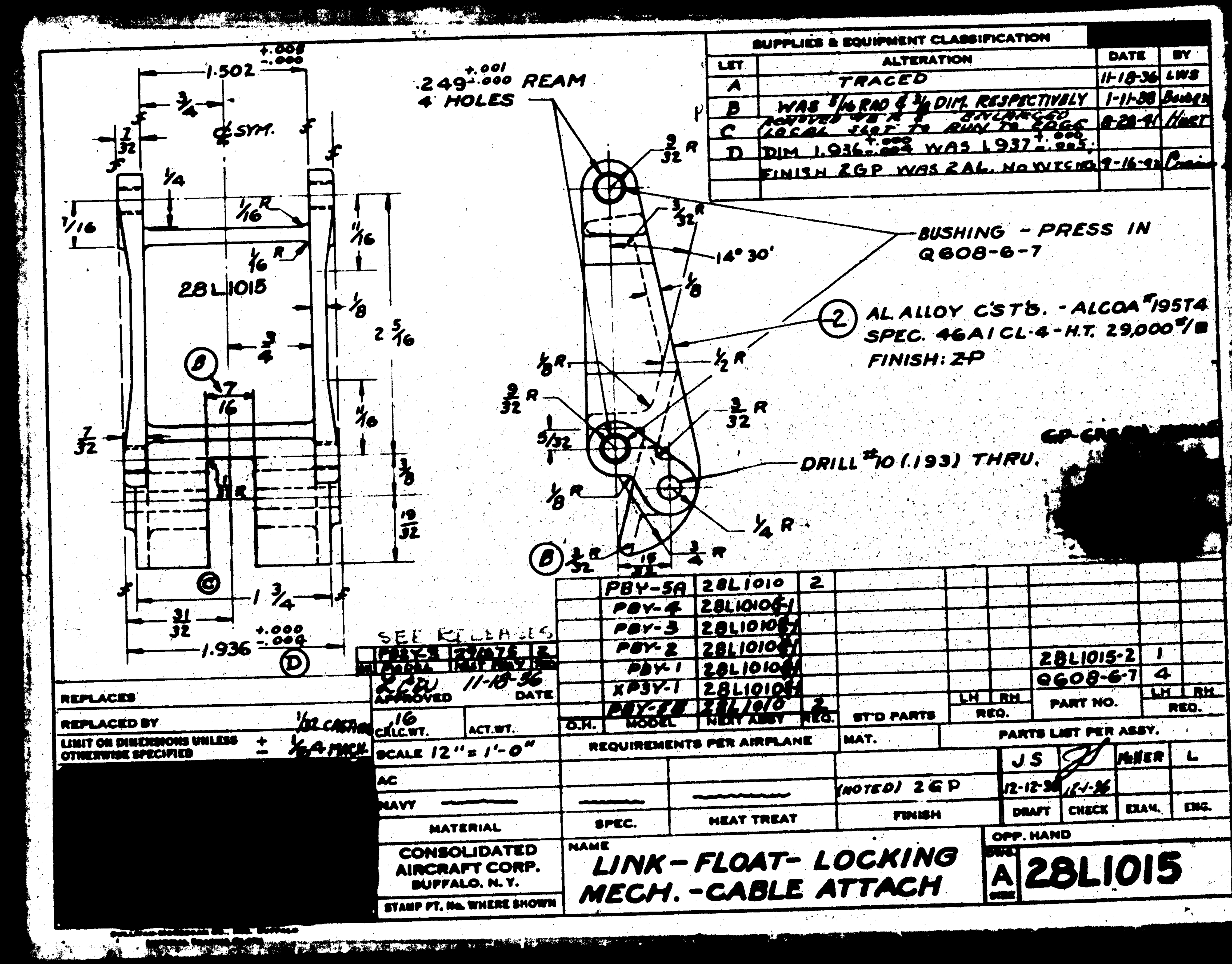
OPP. HAND

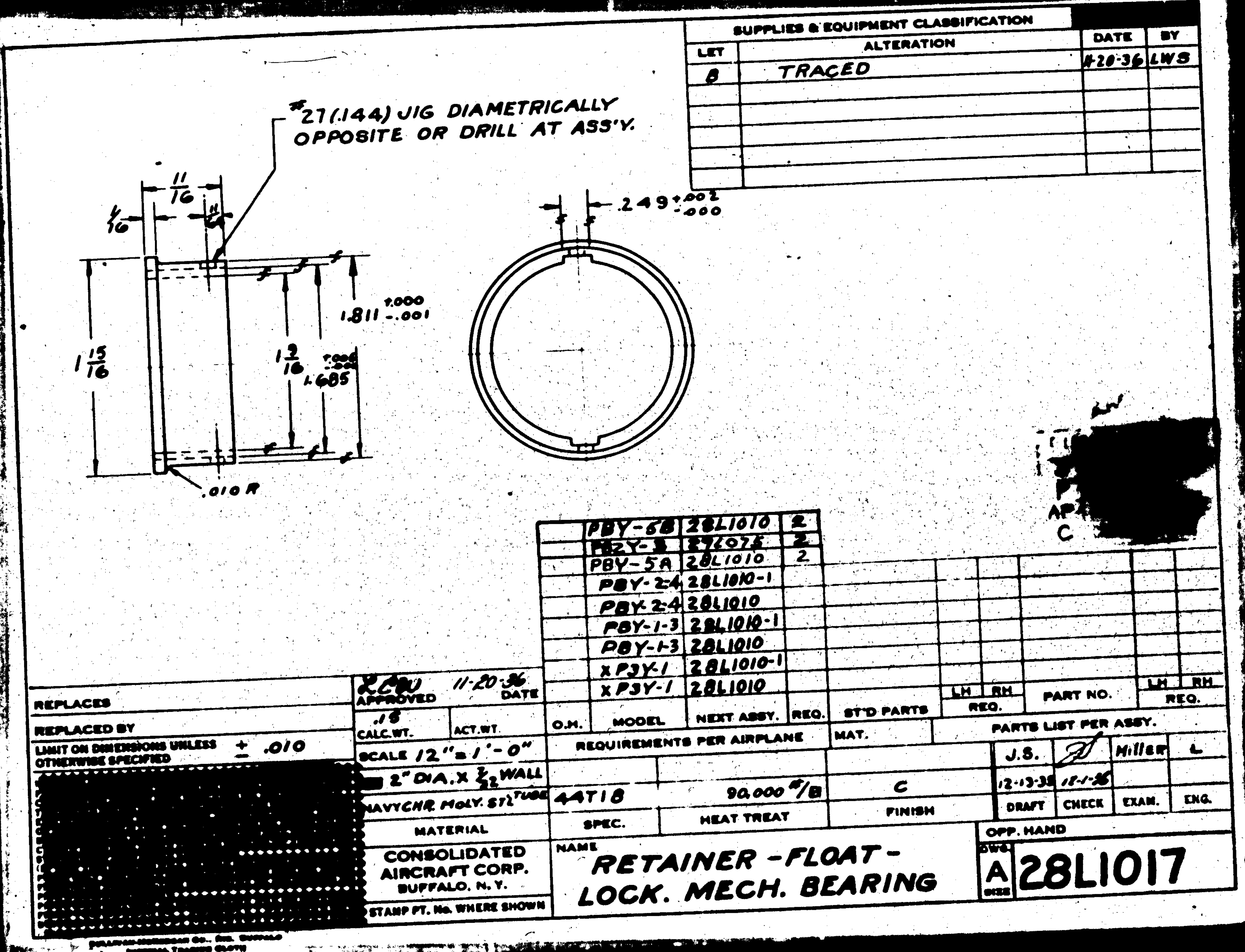
DWG. SIZE A — 28L1013

SULLIVAN McKEOGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

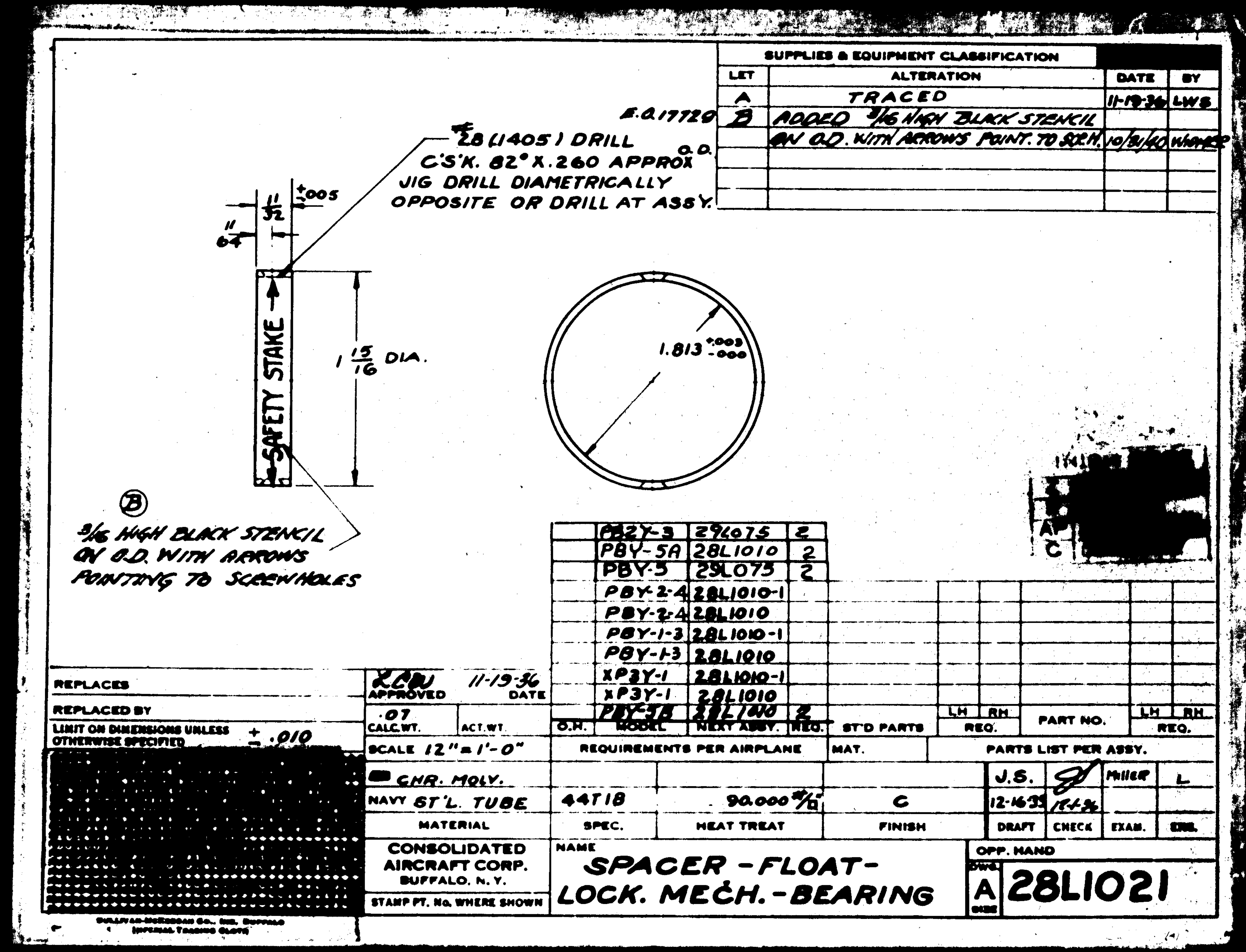


C ADDED FINISH NOTE
BUSHING Q608 PRESS IN PLACE
AL ALLOY CSTG ALCOA # 95T4
FINISH
DRILL 2 HOLES THRU
DEEP
32 NF 3 TH'D
BUSHING Q610-8-5 PRESS IN PLACE
FINISH CODE
ANODIC TREATMENT
ALUMINIZE
28L1014
© FINISH IF NECESSARY
29L075
28L1010
Q610 8 5
28L1014-2
Q608-6-7
LINK-FLOAT-
LOCK. MECH.
A 28L1014


SUPPLIES & EQUIPMENT CLASSIFICATION
LET. | ALTERATION | DATE | BY
A TRACED 11-18-36 LWS
B WAS 3/16 RAD & 3/4 DIM. RESPECTIVELY 1-11-38
C LOCAL SLOT TO RUN TO EDGE 8-29-41
D DIM 1.936 +.000 -.004 WAS 1.937 +.000 -.005.
FINISH 2GP WAS 2AL. NO WIRING 9-16-43
.249 +.001 -.000 REAM
4 HOLES
1.502 +.005 -.000
℄ SYM.
28L1015
BUSHING - PRESS IN
Q608-6-7
14° 30'
AL. ALLOY C'ST'G. - ALCOA #195T4
SPEC. 46A1 CL-4 - H.T. 29,000#/□
FINISH: 2P
DRILL #10 (.193) THRU.
1.936 +.000 -.004
SEE RELEASES
PBY-5A 28L1010 2
PBY-4 28L1010
PBY-3 28L1010
PBY-2 28L1010
PBY-1 28L1010
XP3Y-1 28L1010
O.H. MODEL NEXT ASSY REQ. STD PARTS
28L1015-2 1
Q608-6-7 4
PART NO. REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 CAST ± 1/64 MACH.
APPROVED DATE 11-18-36
.16 CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
MATERIAL SPEC. HEAT TREAT FINISH
(NOTED) 2GP
J.S
12-12-36
DRAFT CHECK EXAM. ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
LINK - FLOAT - LOCKING MECH. - CABLE ATTACH
A 28L1015



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
11-20-36
LWS
#27(.144) JIG DIAMETRICALLY OPPOSITE OR DRILL AT ASS'Y.
11/16
1/16
11/64
.249 +.002 -.000
1.811 +.000 -.001
1 15/16
1 9/16
1.685 +.000 -.001
.010 R
AP
C
PBY-6B
28L1010
2
PB2Y-3
27L075
2
PBY-5A
28L1010
2
PBY-2-4
28L1010-1
PBY-2-4
28L1010
PBY-1-3
28L1010-1
PBY-1-3
28L1010
XP3Y-1
28L1010-1
XP3Y-1
28L1010
REPLACES
APPROVED
11-20-36
DATE
REPLACED BY
.18
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
J.S.
Miller
L
[redacted]
2" DIA. X 3/32 WALL
NAVY CHR. MOLY. STL TUBE
44T18
90,000 #/□
C
12-13-35
12-1-36
DRAFT
CHECK
EXAM.
ENG.
MATERIAL
SPEC.
HEAT TREAT
FINISH
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
NAME
RETAINER - FLOAT - LOCK. MECH. BEARING
DWG.
A
SIZE
28L1017
STAMP PT. No. WHERE SHOWN


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
11-19-36
LWS
E.O. 17729
B
ADDED 3/16 HIGH BLACK STENCIL ON O.D. WITH ARROWS POINT. TO SCR.H.
10/31/40
#28 (.1405) DRILL
C'S'K. 82° X .260 APPROX O.D.
JIG DRILL DIAMETRICALLY
OPPOSITE OR DRILL AT ASSY.
11/32
+.005
11/64
SAFETY STAKE
1 15/16 DIA.
1.813 +.003 -.000
B
3/16 HIGH BLACK STENCIL
ON O.D. WITH ARROWS
POINTING TO SCREWHOLES
PB2Y-3
29L075
2
PBY-5A
28L1010
2
PBY-5
29L075
2
PBY-2-4
28L1010-1
PBY-2-4
28L1010
PBY-1-3
28L1010-1
PBY-1-3
28L1010
XP3Y-1
28L1010-1
XP3Y-1
28L1010
PBY-5B
28L1010
2
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
11-19-36
DATE
.07
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
CHR. MOLY.
NAVY ST'L. TUBE
44T18
90.000 #/□"
C
MATERIAL
SPEC.
HEAT TREAT
FINISH
J.S.
12-16-35
Miller
L
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
SPACER - FLOAT -
LOCK. MECH. - BEARING
OPP. HAND
DWG.
A
SIZE
28L1021

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	11-20-36	LWS

C'BORE $\frac{13}{16}$ DIA.

BORE .628 $^{+.002}_{-.000}$

½

.200

$\frac{1}{32}$

CUT HELICAL END .200 LEAD IN FULL TURN

$\frac{13}{16}$ DIA.

1

$1\frac{3}{16}$ DIA

$\frac{1}{4}$

DRILL #10 (.193) ONE SIDE ONLY

FINISH CODE	
[redacted]	
AP	[redacted]
C	[redacted]

HELICAL AS SHOWN FOR L.H. 28L1022
OPPOSITE FOR R.H. 28L1022-1

O.H.	MODEL	NEXT ASSY.	REQ.	O.H.	MODEL	NEXT ASSEM	REQ.
-1	PBY-2-4	28L1010-1					
	PBY-2-4	28L1010					
-1	PBY-1-3	28L1010-1		-R	PBY-5B	28L1010	1
	PBY-1-3	28L1010		-L	PBY-5B	28L1010	1
-1	XP3Y-1	28L1010-1		-R	PBY-5A	28L1010	1
	XP3Y-1	28L1010		-L	PBY-5A	28L1010	1

LH RH REQ.

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED LCW — DATE 11-20-36

CALC. WT. .07 — ACT. WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY CHR MOLY STL.	46S23	125,000#/□ NAF SH27-1	C	J.S. 12-11-35	12-4-36	MILLER	L

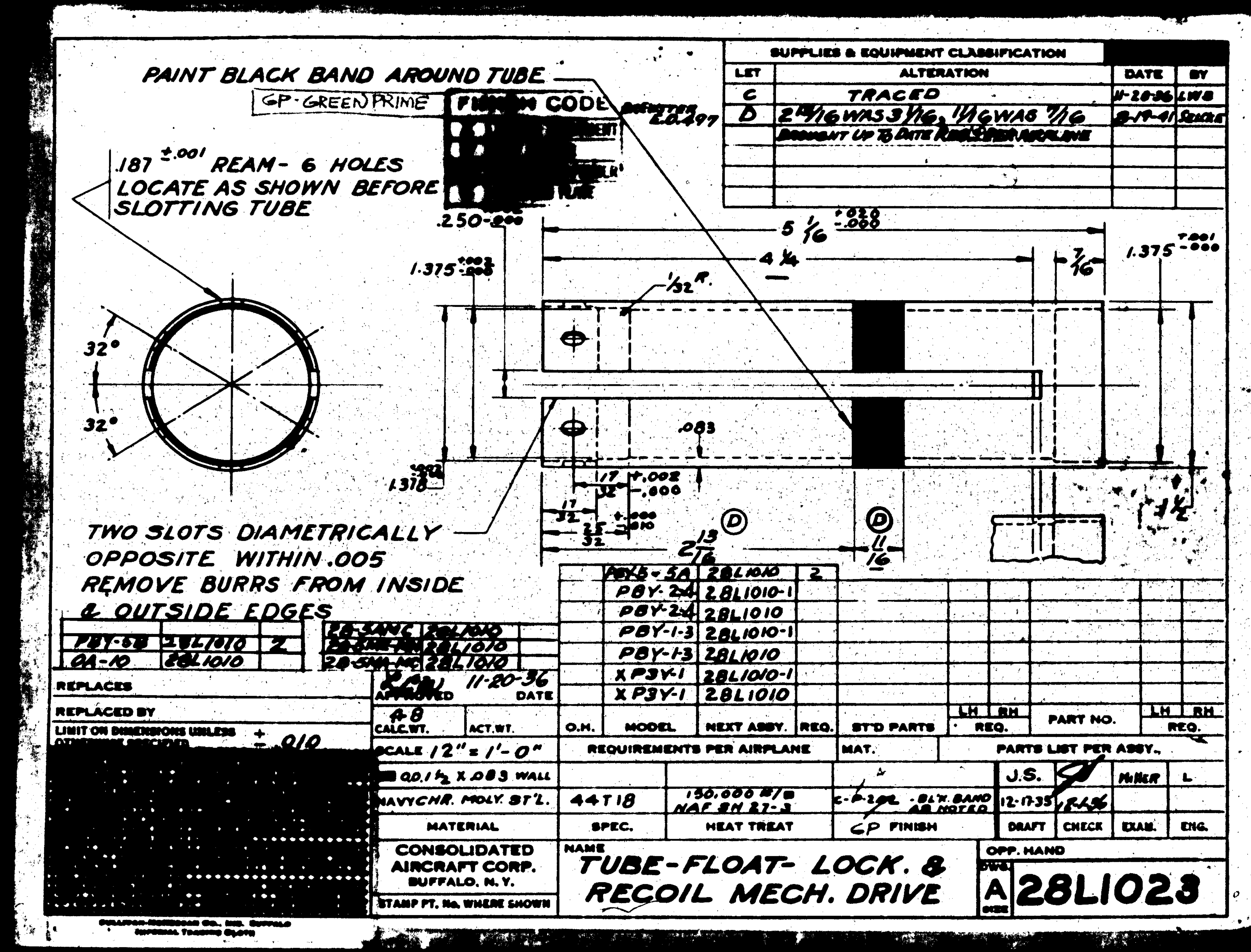
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME
NUT - FLOAT - LOCK & RECOIL MECH. - END

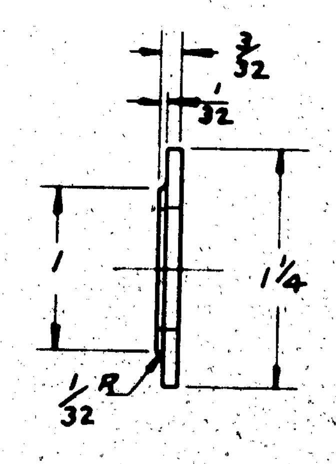
OPP. HAND 28L1022-1

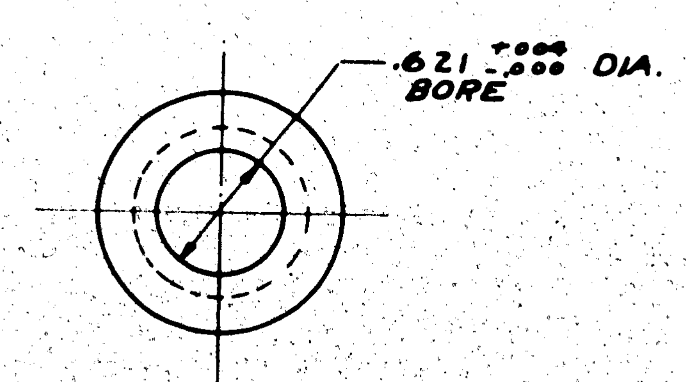
DWG. SIZE A — 28L1022



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C | TRACED | 11-20-36 | LWB
D | 2 13/16 WAS 3 1/16, 11/16 WAS 7/16 | 8-19-41
BROUGHT UP TO DATE
PAINT BLACK BAND AROUND TUBE
GP - GREEN PRIME
[redacted] CODE
.187 ±.001 REAM - 6 HOLES
LOCATE AS SHOWN BEFORE
SLOTTING TUBE
[redacted]
.250
5 1/16 +.020 -.000
4 1/4
7/16
1.375 +.001 -.000
1/32 R.
32°
32°
.083
17/32 +.002 -.000
17/32
25/32 +.000 -.010
2 13/16
11/16
D
D
1 1/2
TWO SLOTS DIAMETRICALLY
OPPOSITE WITHIN .005
REMOVE BURRS FROM INSIDE
& OUTSIDE EDGES
PBY-5B 28L1010 2
OA-10 28L1010
PBY-5-5A 28L1010 2
PBY-2-4 28L1010-1
PBY-2-4 28L1010
PBY-1-3 28L1010-1
PBY-1-3 28L1010
XP3Y-1 28L1010-1
XP3Y-1 28L1010
11-20-36
APPROVED DATE
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
48
CALC.WT. ACT.WT. O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
O.D. 1 1/2 X .083 WALL
NAVY CHR. MOLY. ST'L.
44T18
150,000 #/□ NAF SH 27-3
BLK BAND AS NOTED
GP FINISH
J.S.
12-17-35
Miller
L
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
[redacted]
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
TUBE-FLOAT- LOCK. & RECOIL MECH. DRIVE
OPP. HAND
DWG. SIZE A
28L1023

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	11-20-36	LWB
B	IN D/M REPLACED SPEC. "46S23" WITH "AN-QQ-S-684". FOR HEAT TREAT REPLACED "NORMALIZE" WITH "90,000 TO 125,000#/□"." (NO WT. CHG.)	6-2-43	KNIGHT





FIN[illegible]

C [illegible]

	MODEL	NEXT ASSY.	REQ.
	28-5MC	28L1010	2
	28-5MA	28L1010	2
	PBY-5	28L1010	2
	PBY-5B	28L1010	2
	PBY-5A	28L1010	2
	RBY-2-4	28L1010-1	
	PBY-2-[illegible]	28L1010	
	PBY-1-3	28L1010-1	
	PBY-1-3	28L1010	
	XP3Y-1	28L1010-1	
	XP3Y-1	28L1010	
	28-5AMN	28L1010	2
	28-5AMC	28L1010	2
	28-5MN	28L1010	2
	28-5ME	28L1010	2
O.H.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[illegible] 11-20-36
APPROVED DATE

.02 CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY CHR. MOLY. STL.

MATERIAL	SPEC.	HEAT TREAT	FINISH
CHR. MOLY. STL.	AN-QQ-S-684	90,000 TO 125,000#/□"	C

DRAFT	CHECK	EXAM.	ENG.
JS	[illegible]	[illegible]	L
12-18-35	[illegible]		

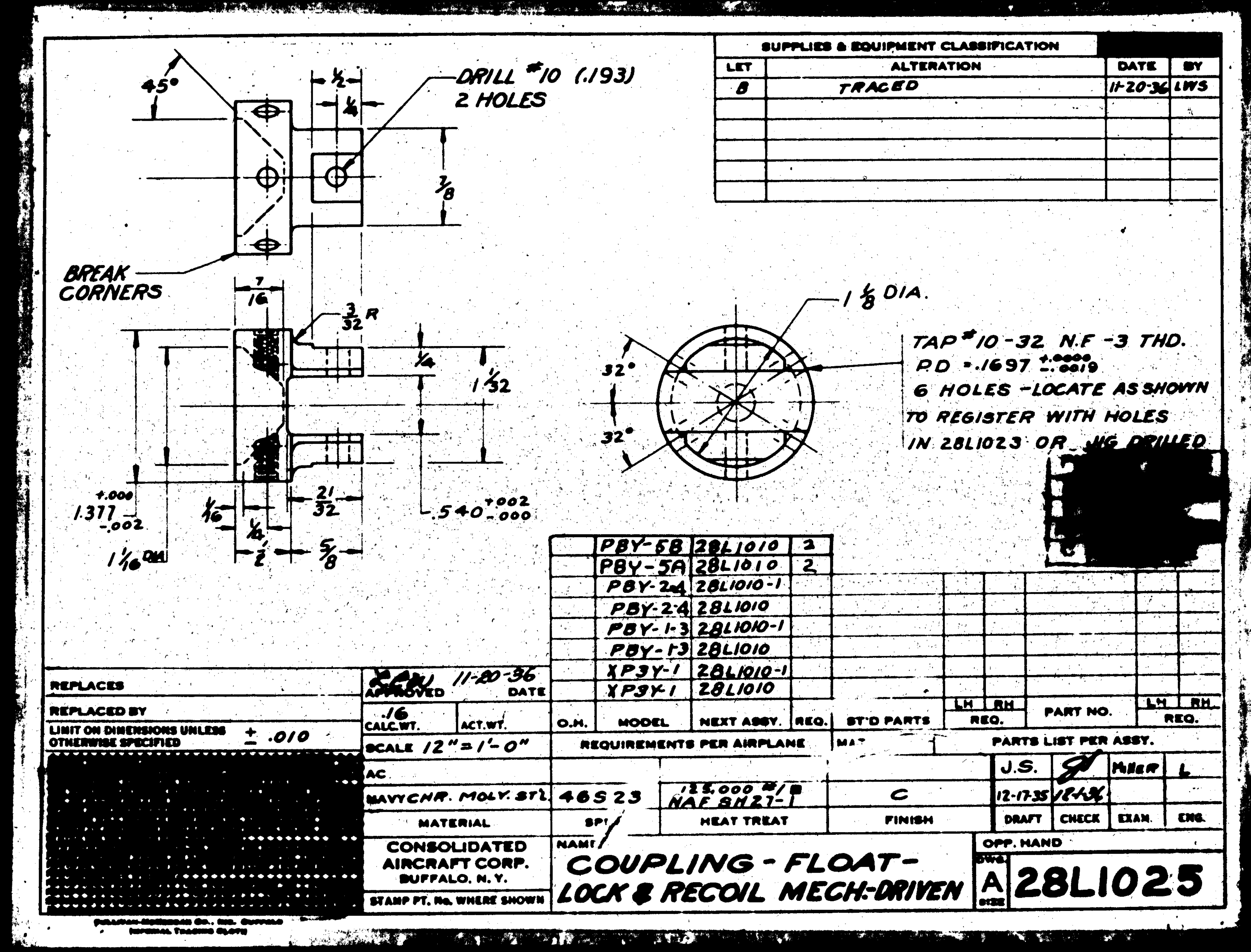
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

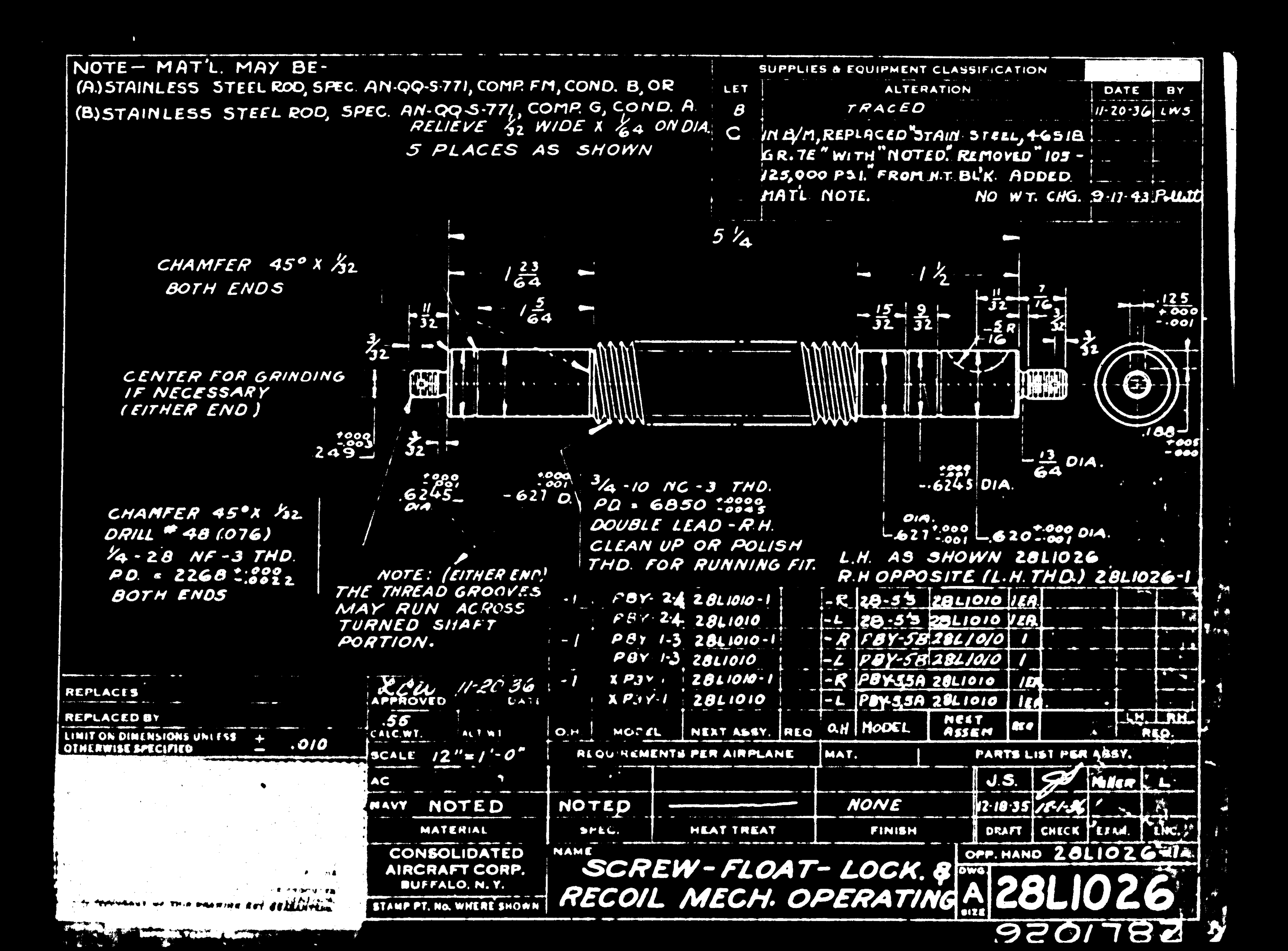
NAME
SPACER-FLOAT-LOCK & RECOIL MECH.-SUPP'T. B'R'G.

OPP. HAND

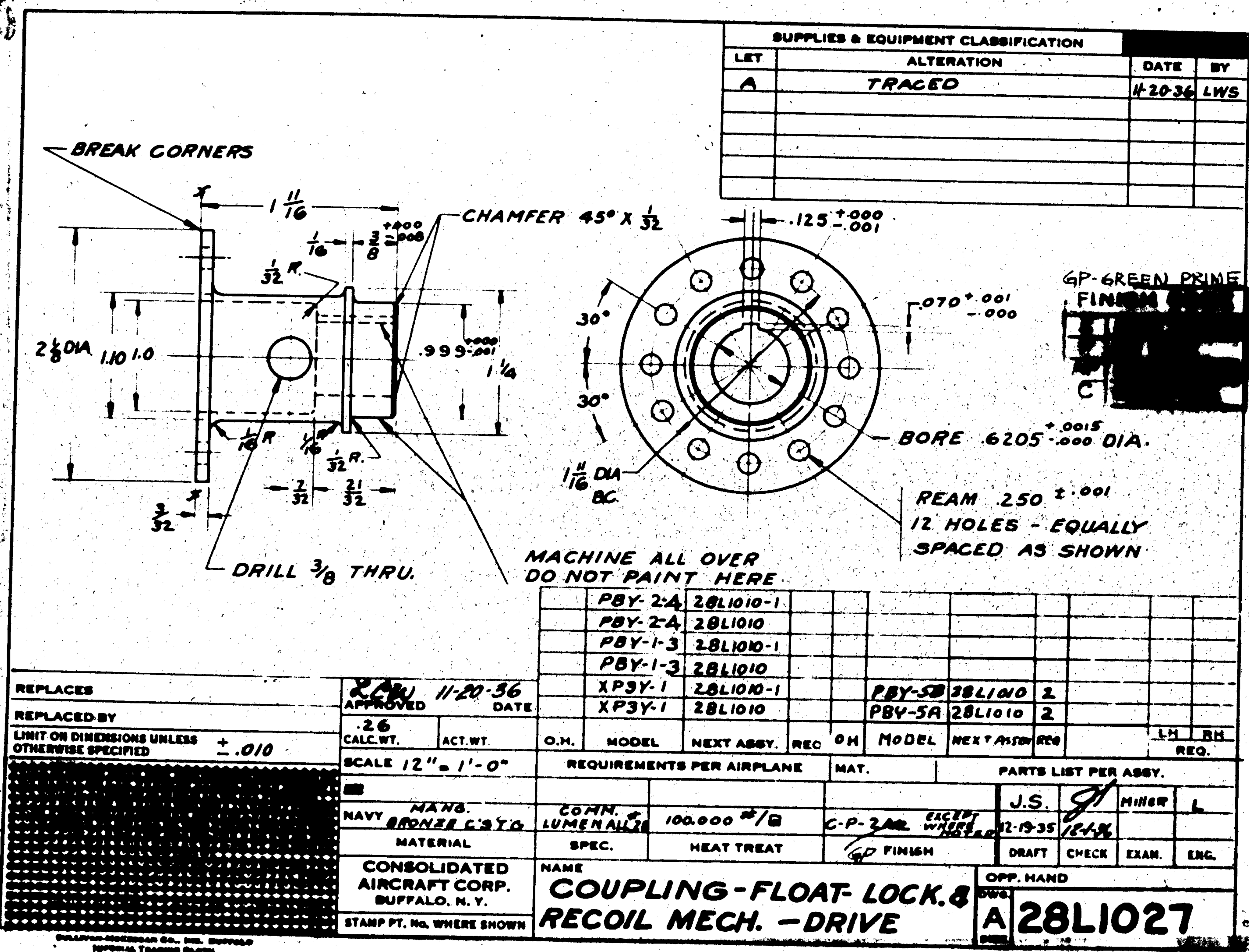
DWG. SIZE A — 28L1024



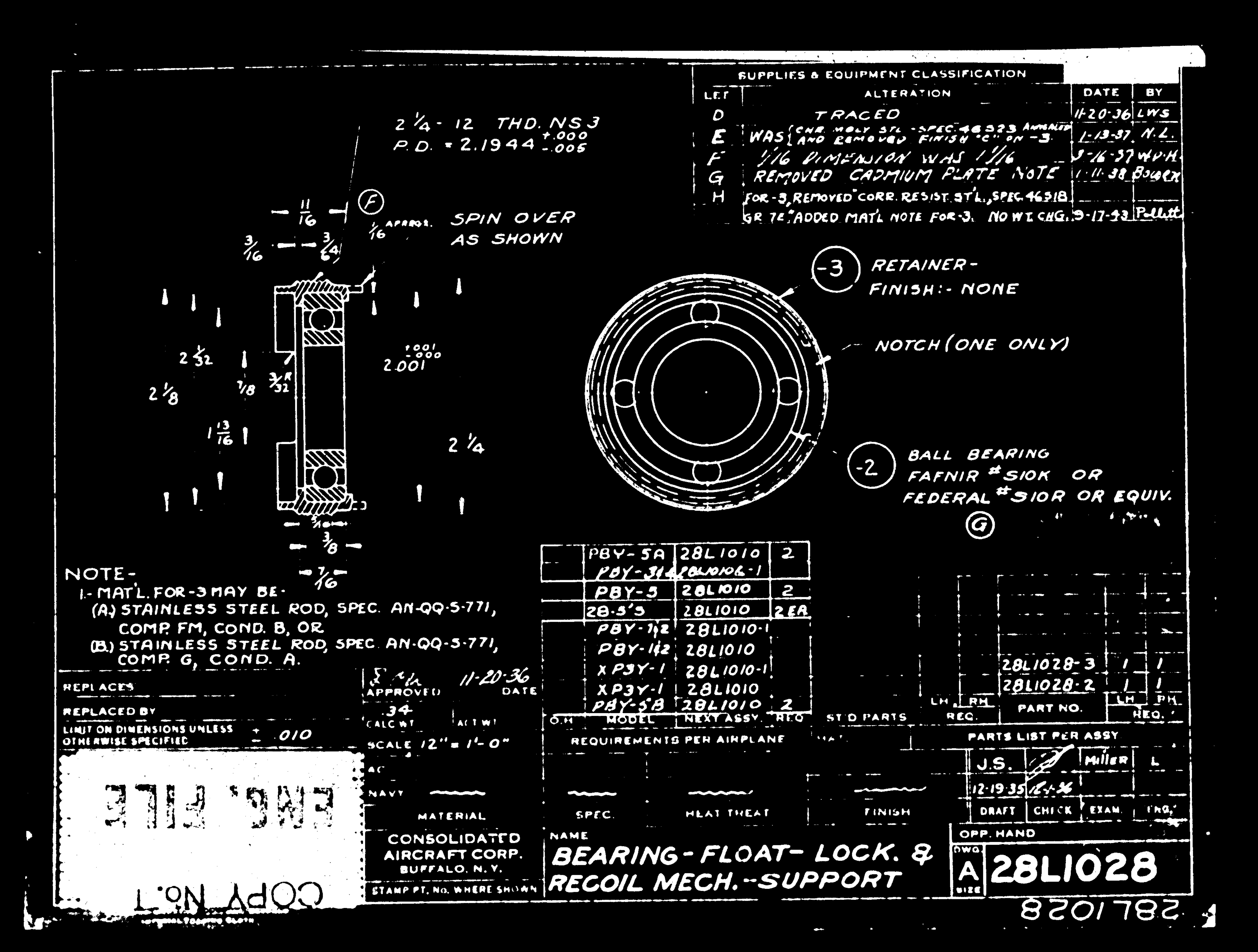
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED | 11-20-36 | LWS
45°
1/2
1/4
DRILL #10 (.193)
2 HOLES
7/8
BREAK
CORNERS
7/16
3/32 R
1/4
1 1/32
1 1/8 DIA.
32°
32°
TAP #10-32 N.F-3 THD.
P.D = .1697 +.0000 -.0019
6 HOLES - LOCATE AS SHOWN
TO REGISTER WITH HOLES
IN 28L1023 OR JIG DRILLED
[redacted]
1.377 +.000 -.002
1/16
21/32
.540 +.002 -.000
1/4
1 1/16 DIA
1/2
5/8
PBY-5B 28L1010 2
PBY-5A 28L1010 2
PBY-2-4 28L1010-1
PBY-2-4 28L1010
PBY-1-3 28L1010-1
PBY-1-3 28L1010
XP3Y-1 28L1010-1
XP3Y-1 28L1010
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
11-20-36
APPROVED DATE
.16
CALC.WT. ACT.WT.
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
AC.
J.S. Miller L
NAVY CHR. MOLY. STL. 46S23 125,000 #/□" NAF 8M27-1 C 12-17-35 12-4-36
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
COUPLING - FLOAT-
LOCK & RECOIL MECH.-DRIVEN
OPP. HAND
DWG. SIZE A 28L1025
STAMP PT. No. WHERE SHOWN



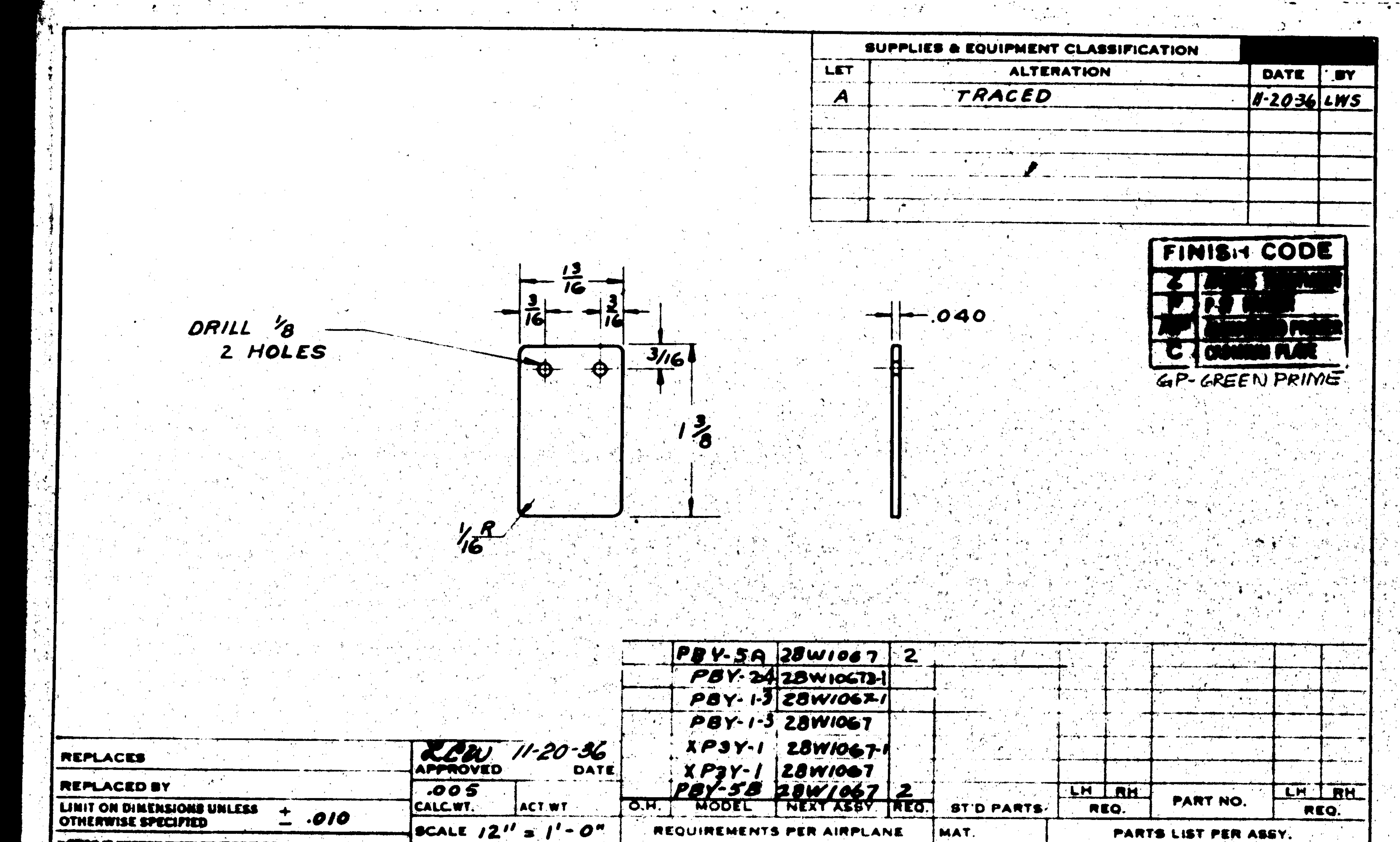
O.H	MODEL	NEXT ASSY.	REQ	O.H	MODEL	NEXT ASSEM	REQ
-1	PBY-2-4	28L1010-1		-R	28-5-5	28L1010	1 EA.
	PBY-2-4	28L1010		-L	28-5-5	28L1010	1 EA.
-1	PBY 1-3	28L1010-1		-R	PBY-5B	28L1010	1
	PBY 1-3	28L1010		-L	PBY-5B	28L1010	1
-1	XPBY-1	28L1010-1		-R	PBY-5-5A	28L1010	1 EA.
	XPBY-1	28L1010		-L	PBY-5-5A	28L1010	1 EA.



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
11-20-36
LWS
BREAK CORNERS
1 11/16
CHAMFER 45° X 1/32
+.000 -.008
1/16
3/8
1/32 R.
2 1/8 DIA
1.10
1.0
.999 +.000 -.001
1 1/4
1/16 R
1/16
1/32 R.
7/32
21/32
3/32
DRILL 3/8 THRU.
MACHINE ALL OVER
DO NOT PAINT HERE
.125 +.000 -.001
.070 +.001 -.000
30°
30°
1 11/16 DIA BC
BORE .6205 +.0015 -.000 DIA.
REAM .250 ±.001
12 HOLES - EQUALLY SPACED AS SHOWN
GP-GREEN PRIME
FIN[redacted]
C
PBY-2-A
28L1010-1
PBY-2-A
28L1010
PBY-1-3
28L1010-1
PBY-1-3
28L1010
XP3Y-1
28L1010-1
XP3Y-1
28L1010
PBY-5B
28L1010
2
PBY-5A
28L1010
2
O.H.
MODEL
NEXT ASSY.
REQ
OH
MODEL
NEXT ASSY
REQ
LH
RH
REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010
LCW
11-20-36
APPROVED
DATE
.26
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NAVY
MANG. BRONZE C'ST'G
COMM. & LUMEN ALL 28
100.000 #/□
C-P-2AA EXCEPT WHERE NOTED
J.S.
Miller
L
12-19-35
MATERIAL
SPEC.
HEAT TREAT
GP FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
COUPLING-FLOAT-LOCK & RECOIL MECH. -DRIVE
OPP. HAND
DWG.
A
28L1027



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
D | TRACED | 11-20-36 | LWS
E | WAS {CHR. MOLY STL - SPEC 46323 ANNEALED AND REMOVED FINISH "C" ON -3 | 1-13-37 | N.L.
F | 1/16 DIMENSION WAS 1 1/16 | 9-16-37 | W.H.
G | REMOVED CADMIUM PLATE NOTE | 1-11-38 | Bower
H | FOR -3, REMOVED CORR. RESIST. ST'L., SPEC. 46518
GR 7E ADDED MAT'L NOTE FOR -3. NO WT. CHG. | 9-17-43 | Pollett
2 1/4 - 12 THD. NS3
P.D. = 2.1944 +.000 -.005
11/16
3/16
3/4
1/16 APPROX. SPIN OVER AS SHOWN
2 1/32
2 1/8
7/8
3/32 R
1 13/16
2.001 +.001 -.000
2 1/4
1/16
3/8
7/16
-3 RETAINER-
FINISH:- NONE
NOTCH (ONE ONLY)
-2 BALL BEARING
FAFNIR #S10K OR
FEDERAL #S10R OR EQUIV.
NOTE-
1- MAT'L. FOR -3 MAY BE-
(A) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.
PBY-5A | 28L1010 | 2
PBY-3 | 28L1010-1
PBY-5 | 28L1010 | 2
28-5'S | 28L1010 | 2 EA
PBY-1,2 | 28L1010-1
PBY-1,2 | 28L1010
XP3Y-1 | 28L1010-1
XP3Y-1 | 28L1010
PBY-5B | 28L1010 | 2
O.H. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS
28L1028-3 | 1 | 1
28L1028-2 | 1 | 1
LH | RH | REQ. | PART NO. | LH | RH | REQ.
PARTS LIST PER ASSY
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED 11-20-36 DATE
.34 CALC WT | ACT WT
SCALE 12" = 1'-0"
AC
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
J.S. | Miller | L
12-19-35 | 12-36
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
BEARING - FLOAT - LOCK. & RECOIL MECH. - SUPPORT
OPP. HAND
DWG. SIZE A
28L1028



	PBY-5A	28W1067	2							
	PBY-2A	28W1067-1								
	PBY-1-3	28W1067-1								
	PBY-1-3	28W1067								
	XP3Y-1	28W1067-1								
	XP3Y-1	28W1067								
	PBY-5B	28W1067	2							
O.H.	MODEL	NEXT ASSY	REQ.	ST'D PARTS	LH	RH	PART NO.	LH	RH	
					REQ.			REQ.		
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.					

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010
[redacted]	

LLW 11-20-36	
APPROVED	DATE
.005	
CALC.WT.	ACT.WT
SCALE 12" = 1'-0"	
AC	
NAVY AL. ALLOY	
MATERIAL	

47A10 COND.T	~~~~	Z-P-2	J.S 12-20-35	12-1-36	Miller	L
SPEC.	HEAT TREAT	FINISH GP	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

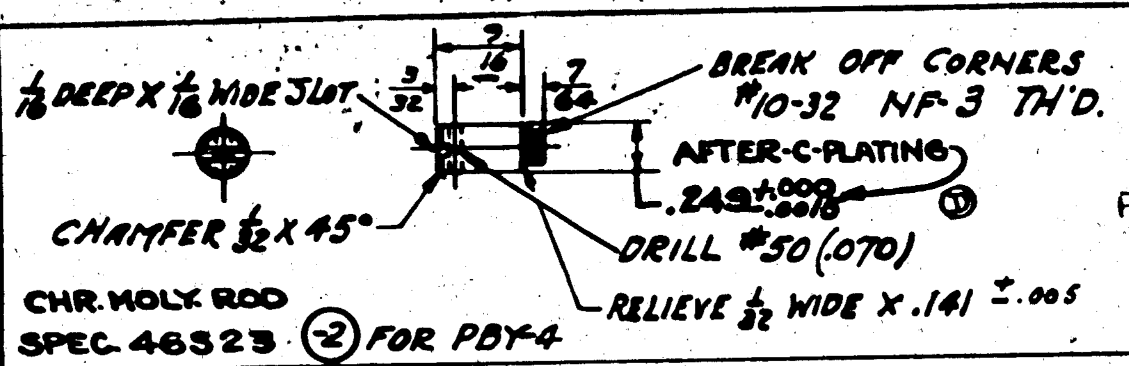
STAMP PT. No. WHERE SHOWN

NAME
CATCH-FLOAT-LOCK. & RECOIL MECH.-B'R'G SUPP.

OPP. HAND

DWG. SIZE A

28L1030



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED	11-20-36	LWS
C	PBY-4 REQUIREMENTS ADDED	1-6-38	Bouck
D	WAS .250 +.001 -.002	2-10-38	G.P.
E	ADDED -2 FOR PBY-4 REQUIREMENTS	3-3-38	Bouck

BREAK OFF CORNERS
#10-32 N.F.-3 THD.

3/32 — 11/32 — 7/64 — 7/16 — 1/2 — 1/64 — 3/16

FOR PBY-1, PBY-2, PBY-3

HEX. BAR. SPEC. 43B12.

RELIEVE 1/32 WIDE X .141 ±.005

DRILL #50 (.070) - 1 HOLE
IF NOT MADE FROM AN-74

NOTE:-
MAY BE MADE FROM
AN74 DRILLED HEAD BOLT.

FOR FUTURE PROCUREMENTS
USE PBY-4 TYPE

O.H.	MODEL	NEXT ASSY.	REQ.
	PB2Y-3	29L075	4
-2	PBY-5A	28L1010	4
-2	PBY-4	28L1010-1	
	PBY-3	28L1010-1	
	PBY-2	28L1010-1	
	PBY-2	28L1010	
	PBY-1	28L1010-1	
	PBY-1	28L1010	
	XP3Y-1	28L1010-1	
	XP3Y-1	28L1010	
	PBY-5	28L1010	4

REQUIREMENTS PER AIRPLANE

ST'D PARTS — LH RH REQ. — PART NO. — LH RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

ZEW 11-20-36
APPROVED DATE

.014 CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

125,000 #/□

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY NOTED	NOTED	NAF SH22-19	C

DRAFT	CHECK	EXAM.	ENG.
JS 12-26-35	12-1-36	Miller	L

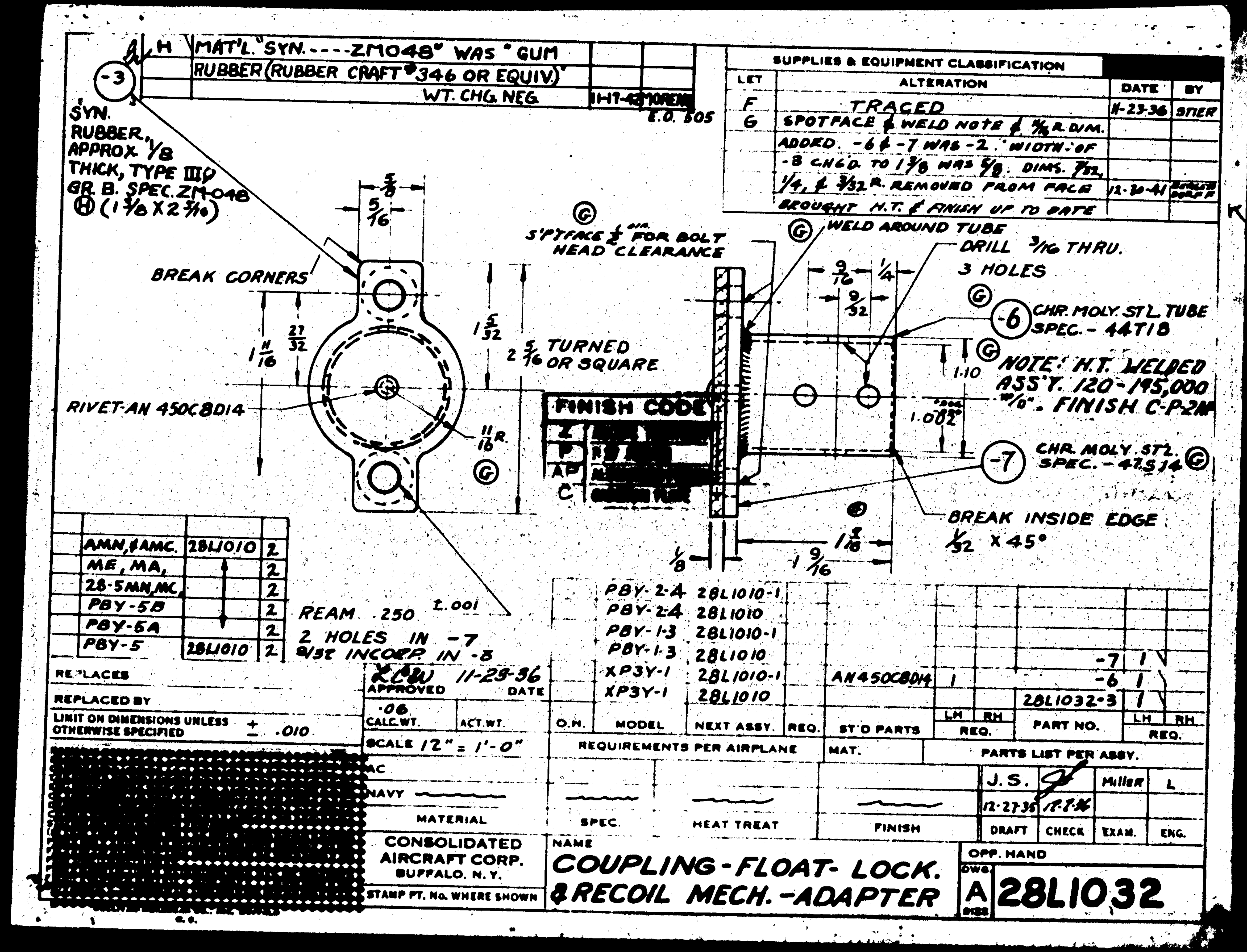
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

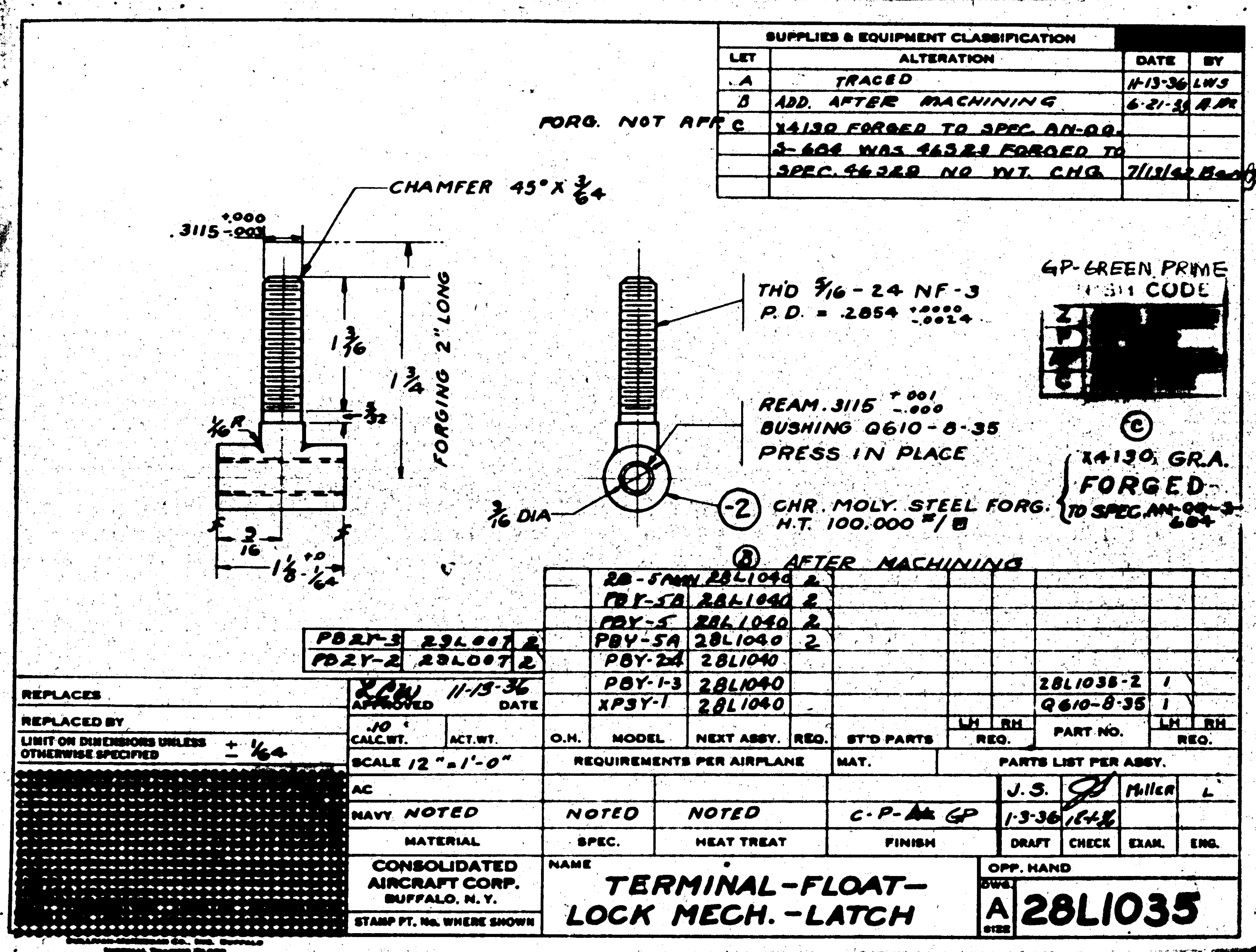
STAMP PT. No. WHERE SHOWN

NAME
SCREW - FLOAT -
LOCK. MECH. - LINK

OPP. HAND

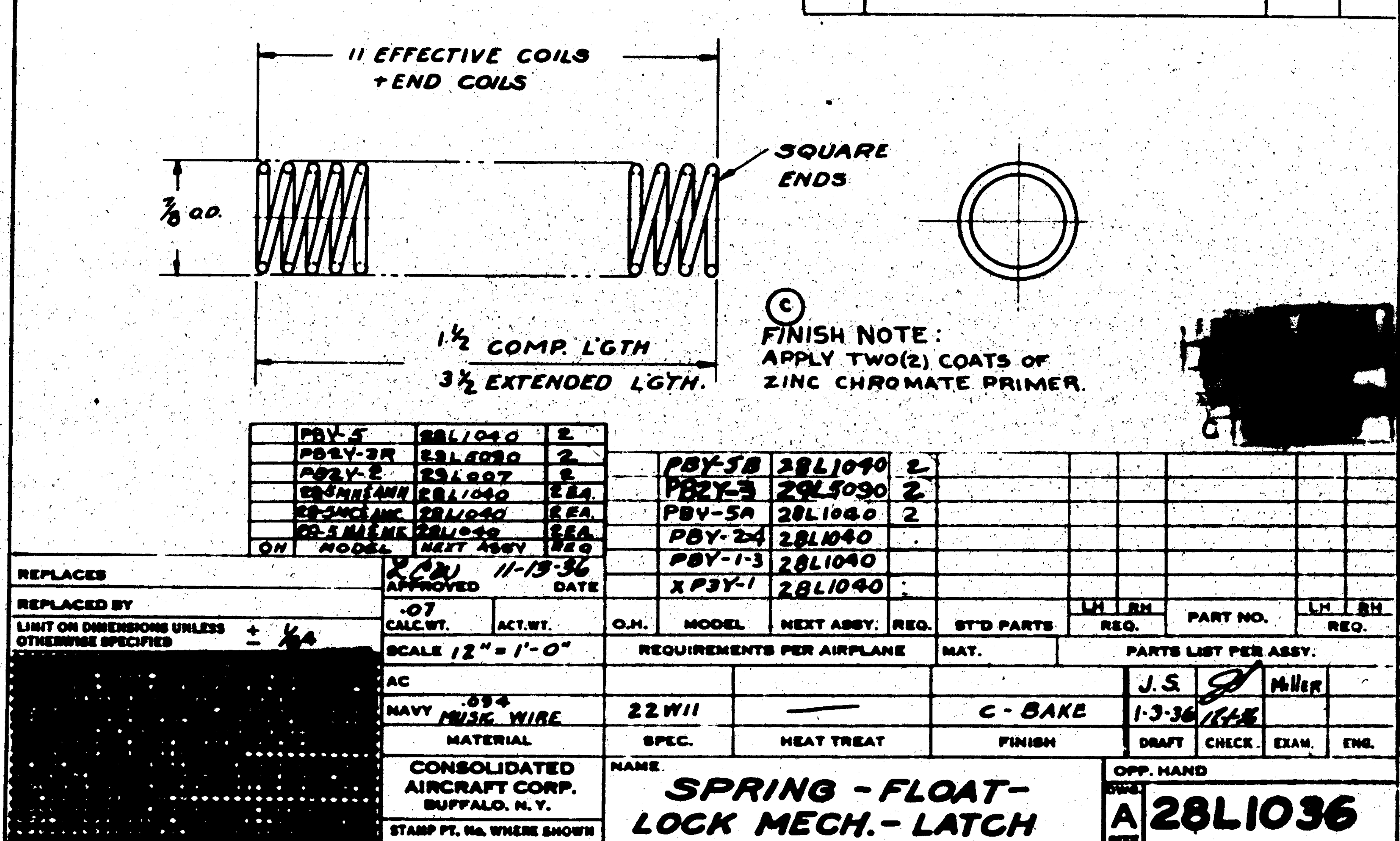
DWG. SIZE A 28L1031


H MAT'L. "SYN.----ZM048" WAS "GUM RUBBER (RUBBER CRAFT #346 OR EQUIV)"
WT. CHG. NEG.
E.O. 505
-3
SYN. RUBBER, APPROX. 1/8 THICK, TYPE III GR. B. SPEC. ZM-048 (H) (1 7/8 X 2 5/16)
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
F
TRACED
11-23-36
STIER
G
SPOTFACE & WELD NOTE & 11/16 R DIM. ADDED. -6 & -7 WAS -2. WIDTH OF -8 CHGD. TO 1 7/8 WAS 5/8. DIMS. 7/32, 1/4, & 3/32 R. REMOVED FROM FACE BROUGHT H.T. & FINISH UP TO DATE
12-30-41
BREAK CORNERS
5/8
5/16
27/32
1 11/16
1 5/32
2 5/16 TURNED OR SQUARE
S'PTFACE 1/2 DIA. FOR BOLT HEAD CLEARANCE
WELD AROUND TUBE
DRILL 3/16 THRU. 3 HOLES
9/16
1/4
9/32
-6
CHR. MOLY. STL. TUBE SPEC. - 44T18
NOTE: H.T. WELDED ASS'Y. 120-195,000 #/□". FINISH C-P-2N
1.10
1.002
RIVET-AN 450C8D14
11/16 R.
FINISH CODE
Z
P
AP
C
-7
CHR. MOLY. STL. SPEC. - 47S14
BREAK INSIDE EDGE 1/32 X 45°
1 9/16
1/8
1 9/16
REAM .250 ±.001 2 HOLES IN -7
9/32 INCORP. IN -8
AMN, & AMC. 28L1010 2
ME, MA, 2
28-5MN, MC, 2
PBY-5B 2
PBY-5A 2
PBY-5 28L1010 2
PBY-2-4 28L1010-1
PBY-2-4 28L1010
PBY-1-3 28L1010-1
PBY-1-3 28L1010
XP3Y-1 28L1010-1
XP3Y-1 28L1010
AN450C8D14 1
-7 1
-6 1
28L1032-3 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
11-23-36
APPROVED
DATE
.06
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
J.S.
Miller
L
12-27-35
12-2-36
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
COUPLING - FLOAT - LOCK. & RECOIL MECH. - ADAPTER
OPP. HAND
DWG. SIZE A
28L1032



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 11-13-36 | LWS
B | ADD. AFTER MACHINING | 6-21-3? | R.M.
FORG. NOT AFF. C | X4130 FORGED TO SPEC. AN-QQ-S-684 WAS 4632? FORGED TO SPEC. 46329 NO WT. CHG. | 7/13/42
CHAMFER 45° X 3/64
.3115 +.000 -.001
1 3/16
1 3/4
FORGING 2" LONG
3/32
1/16 R
3/16
1 1/8 +0 -1/64
THD 5/16-24 NF-3
P.D. = .2854 +.0000 -.0024
REAM .3115 +.001 -.000
BUSHING Q610-8-35
PRESS IN PLACE
3/16 DIA
-2
CHR. MOLY. STEEL FORG.
H.T. 100,000 #/□
GP-GREEN PRIME
CODE
[redacted]
C
X4130 GR.A.
FORGED
TO SPEC. AN-QQ-S-684
B AFTER MACHINING
2B-5A | 28L1040 | 2
PBY-5A | 28L1040 | 2
PBY-5 | 28L1040 | 2
PB2Y-3 | 28L007 | 2
PB2Y-2 | 28L007 | 2
PBY-5A | 28L1040 | 2
PBY-2 | 28L1040
PBY-1-3 | 28L1040
XP3Y-1 | 28L1040
28L1035-2 | 1
Q610-8-35 | 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED 11-13-36 DATE
.10 CALC. WT.
ACT. WT.
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED | NOTED | NOTED | C-P-GP
J.S. | Miller | L
1-3-36
MATERIAL | SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
TERMINAL-FLOAT-LOCK MECH.-LATCH
OPP. HAND
DWG. A SIZE
28L1035

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	11-13-36	LWS
C	ADDED FINISH NOTE: APPLY.......		
	CHROMATE PRIMER. NO WT. CHG.	4-27-45	BAKER



O.H.	MODEL	NEXT ASSY	REQ
	PBY-5	28L1040	2
	PB2Y-3R	28L5090	2
	PB2Y-2	28L007	2
	[illegible]	28L1040	2 EA.
	[illegible]	28L1040	2 EA.
	[illegible]	28L1040	2 EA.

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28L1040	2
	PB2Y-3	29L5090	2
	PBY-5A	28L1040	2
	PBY-2-4	28L1040	
	PBY-1-3	28L1040	
	XP3Y-1	28L1040	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED: LCW DATE: 11-13-36

CALC. WT.: .07 ACT. WT.:

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY .094 MUSIC WIRE	22W11	—	C - BAKE	J.S. 1-3-36	[illegible] 1-6-36	Miller	

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

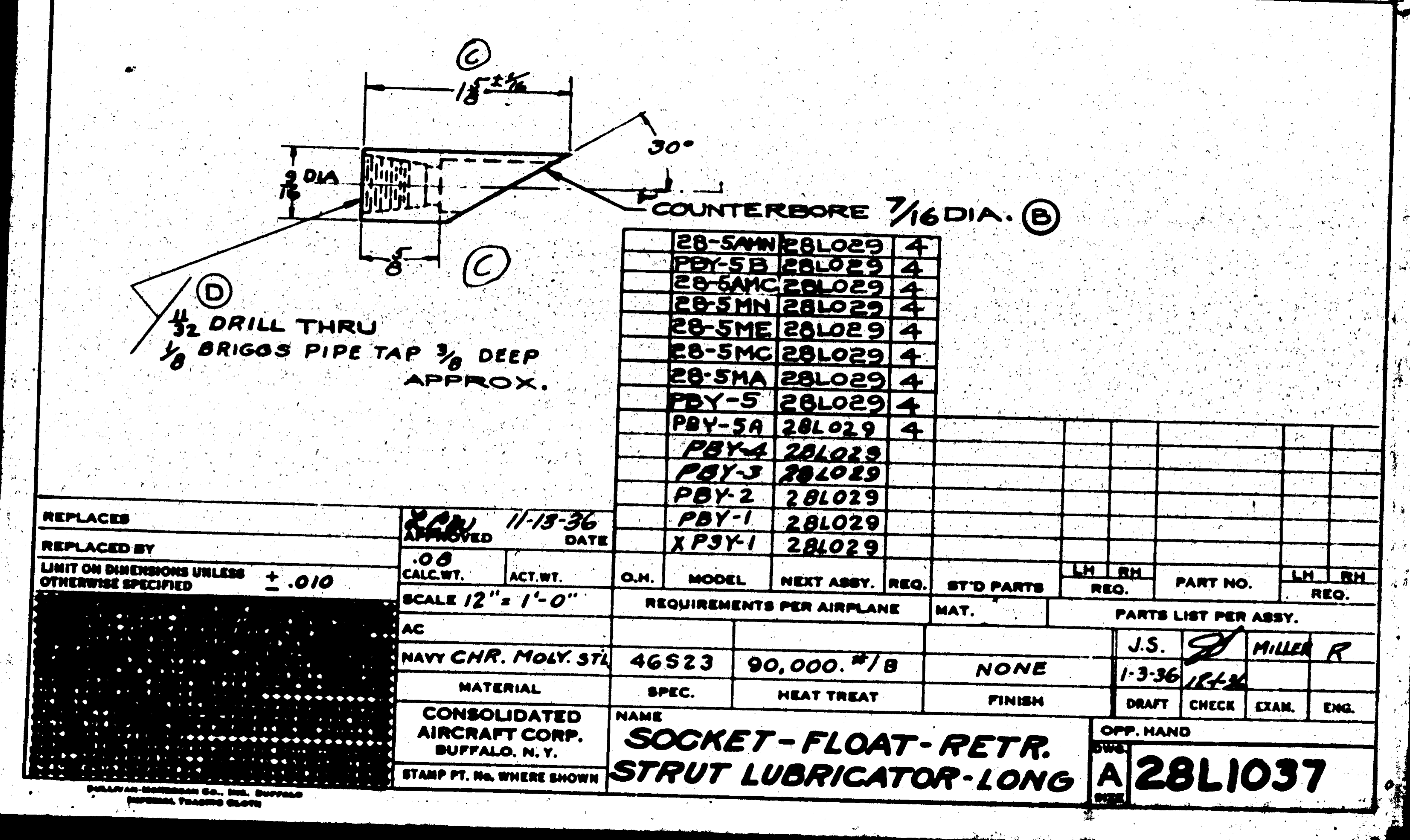
NAME: SPRING - FLOAT - LOCK MECH. - LATCH

OPP. HAND

DWG. SIZE A — 28L1036

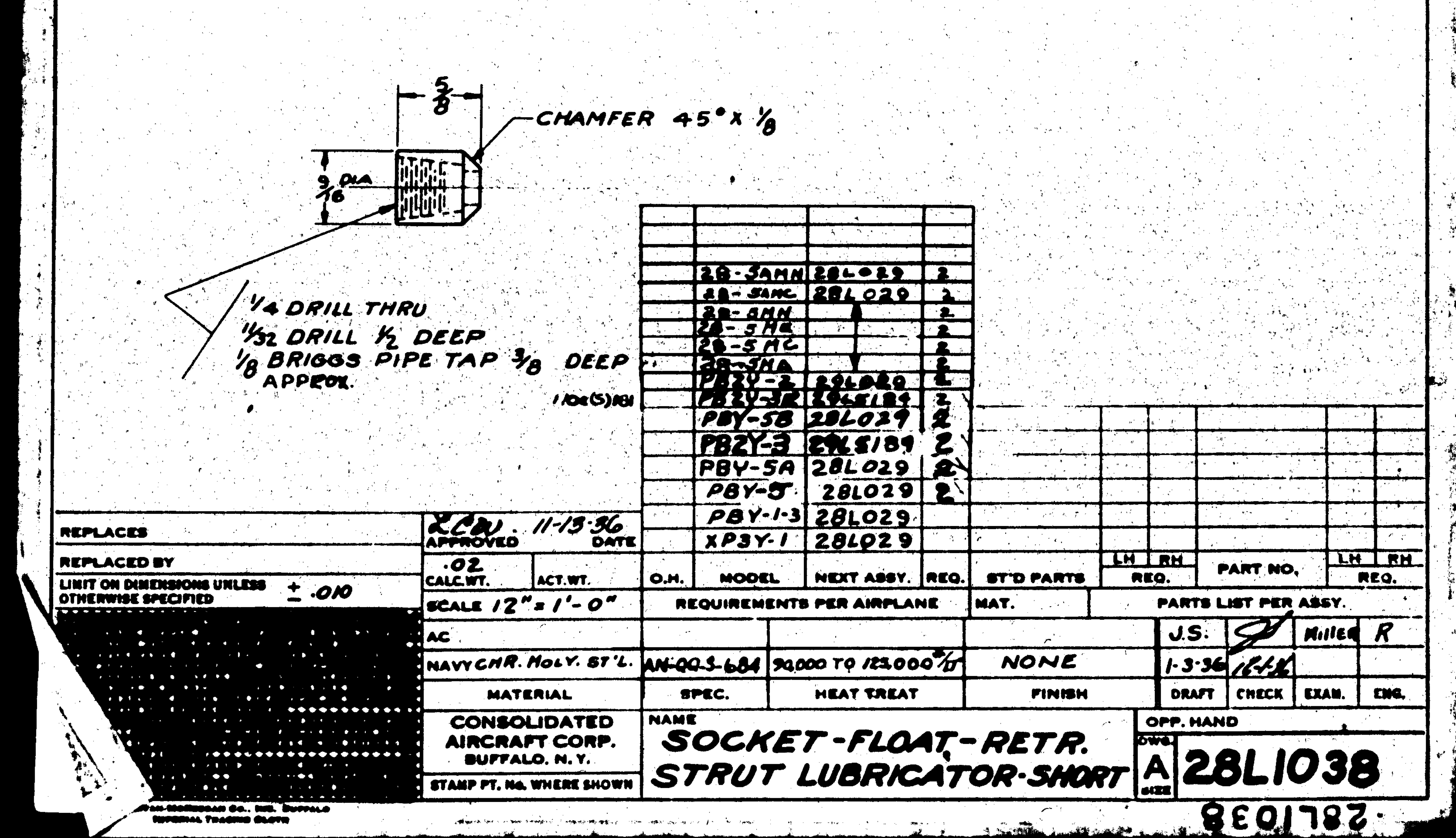
BREWSTER E.O. #531

LET	ALTERATION	DATE	BY
	SUPPLIES & EQUIPMENT CLASSIFICATION		
A	TRACED	11-13-36	LWS
B	ADDED COUNTERBORE	6-26-37	McD
C	1⅝ WAS 2⅛; ADDED ⅝; REMOVED 1⅛	7-27-37	MEA
D	"11/32 DRILL THRU" WAS "11/32 DRILL ½ DEEP." REM. "¼ DRILL THRU." WT. CHG. NEG.	4-21-42	MILLER



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	11-13-36	LWS
B	H.T. NONE WAS 80000 #/□" NO WT CHG	4-26-43	[illegible]
C	IN B&M REPLACED SPEC. "46S23" WITH "AN-QQ-S-684" & H.T. "NONE" WITH "90,000 TO 125,000#/□"" NO WT. CHG.	6-9-43	[illegible]



O.H.	MODEL	NEXT ASSY.	REQ.
	28-5AMN	28L029	2
	28-5AMC	28L029	2
	28-5MN		2
	28-5ME		2
	28-5MC		2
	28-5MA		2
	PB2Y-2	28L029	2
	PB2Y-3R	28L5189	2
	PBY-5B	28L029	2
	PB2Y-3	28L5189	2
	PBY-5A	28L029	2
	PBY-5	28L029	2
	PBY-1-3	28L029	
	XP3Y-1	28L029	

REQUIREMENTS PER AIRPLANE — MAT. — ST'D PARTS — LH / RH REQ. — PART NO. — LH / RH REQ. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

LCW 11-13-36 APPROVED DATE

.02 CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY CHR. MOLY. ST'L.	AN-QQ-S-684	90,000 TO 125,000 #/□"	NONE	J.S. 1-3-36	[illegible] 1-6-36	Miller	R

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

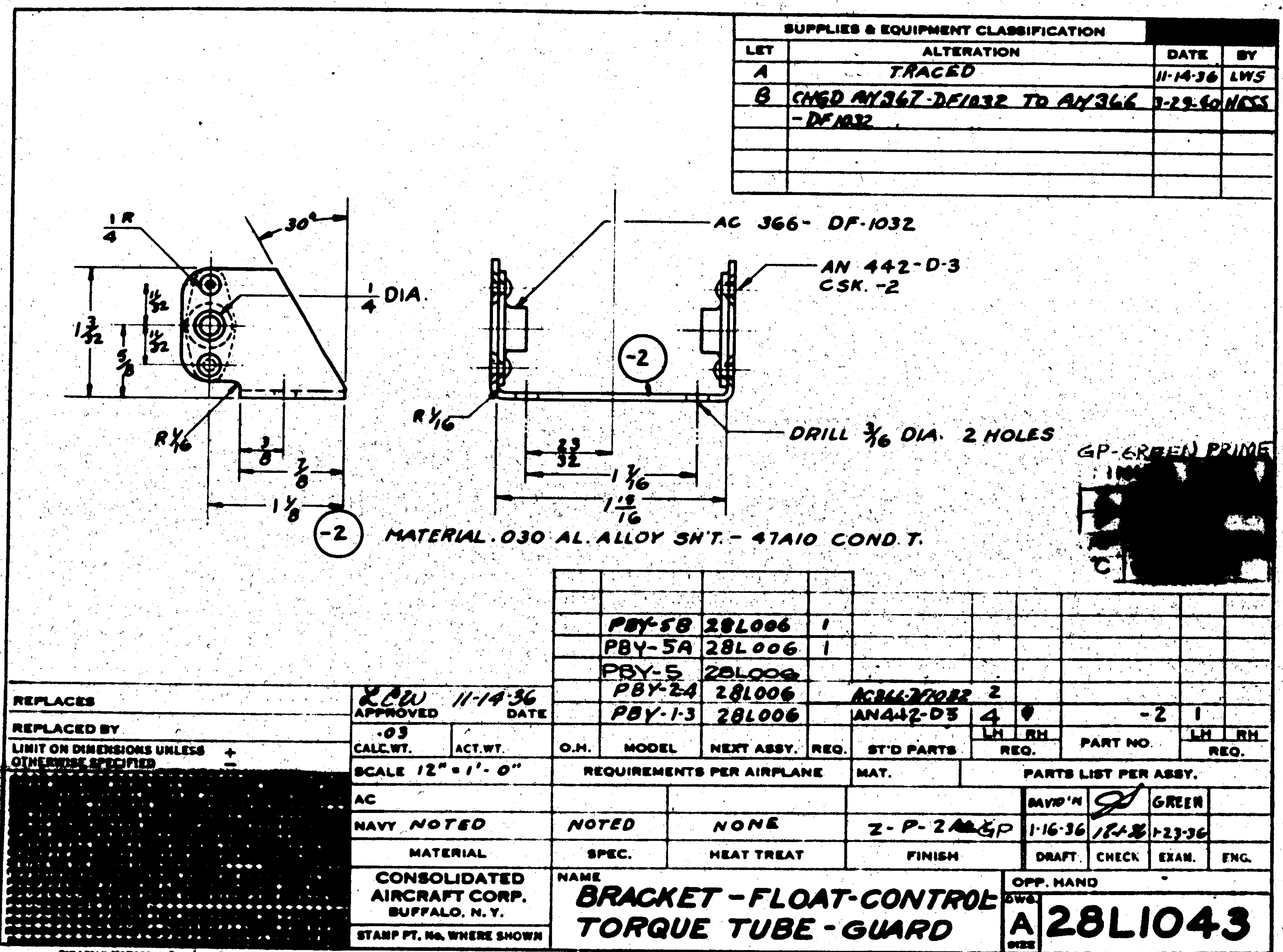
STAMP PT. No. WHERE SHOWN

NAME SOCKET-FLOAT-RETR. STRUT LUBRICATOR-SHORT

OPP. HAND

DWG. SIZE A 28L1038

28L1038



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
11-14-36
LWS
B
CHGD AN367-DF1032 TO AN366 -DF1032
3-29-40
HESS
1/4 R
30°
1/4 DIA.
1 3/32
11/32
11/32
5/8
R 1/16
3/8
7/8
1 1/8
-2
AC 366- DF-1032
AN 442-D-3 CSK. -2
-2
R 1/16
23/32
1 1/16
1 15/16
DRILL 3/16 DIA. 2 HOLES
GP-GREEN PRIME
MATERIAL .030 AL. ALLOY SH'T. - 47A10 COND. T.
PBY-5B
28L006
1
PBY-5A
28L006
1
PBY-5
28L006
PBY-2-4
28L006
AC366-DF1032
2
PBY-1-3
28L006
AN442-D3
4
-2
1
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
LCW
11-14-36
APPROVED
DATE
.03
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED
NOTED
NONE
Z-P-2 GP
DAVID'N
GREEN
1-16-36
1-23-36
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
BRACKET - FLOAT - CONTROL TORQUE TUBE - GUARD
OPP. HAND
DWG. SIZE A
28L1043

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	11-13-36	LWS

REWORK AN520-10-8 AS SHOWN

[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28L001	8						
	PB2Y-3	29L006	8						
	PBY-5A	28L001	8						
	PBY-2-4	28L001							
	PBY-1-3	28L001							
	XP3Y-1	28L001							

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY. — MAT.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	+ −

APPROVED: LCW — DATE: 11-13-36

CALC. WT.: .0049 — ACT. WT.:

SCALE

AC

	MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY	NOTED	NOTED	NONE	C

DRAFT	CHECK	EXAM	ENG.
DAVIDSON 1-23-36	[illegible] 12-1-36	Miller	

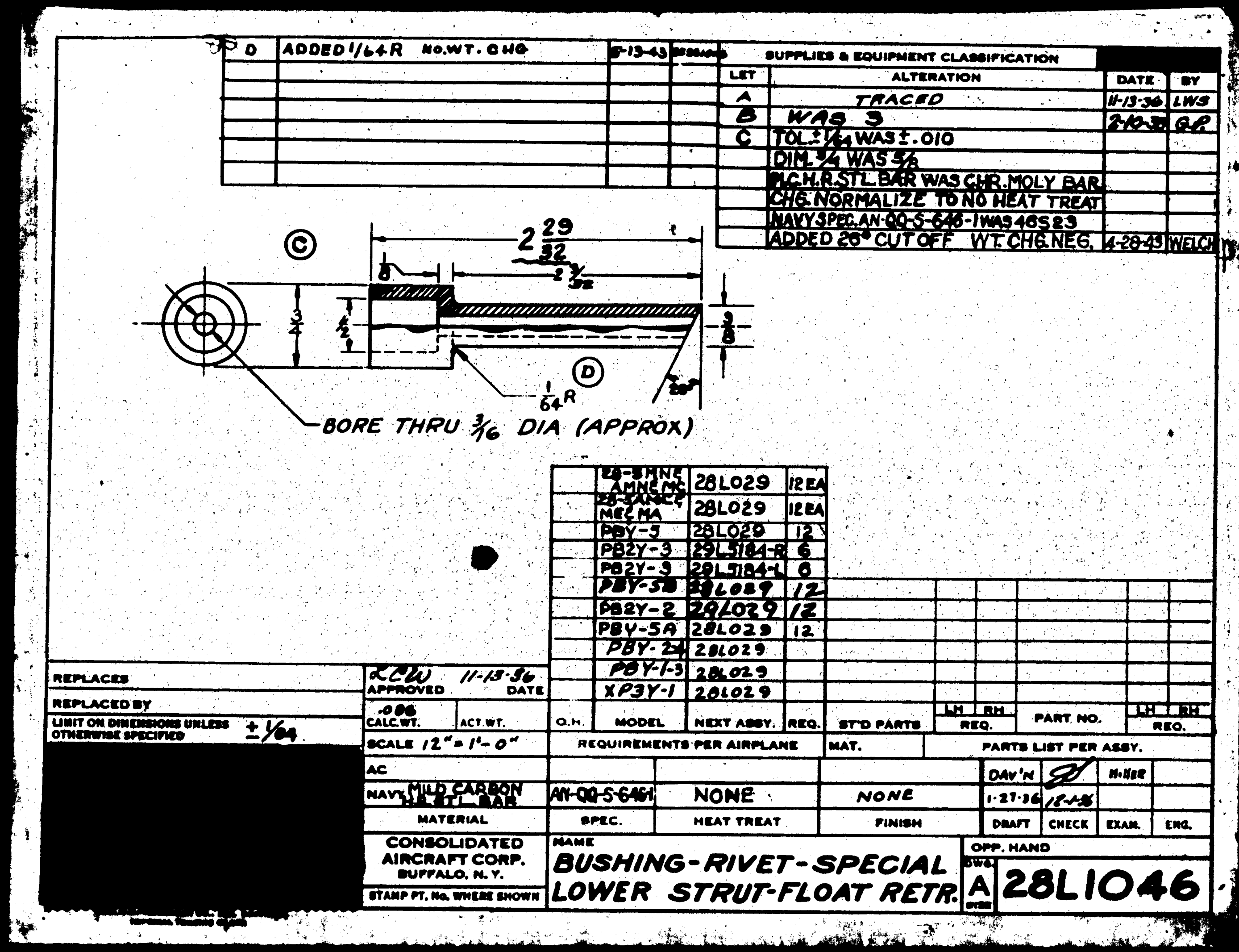
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

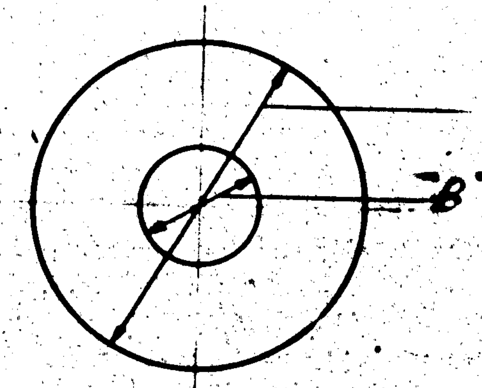
NAME: SCREW - SPECIAL FLOAT RETRACTING MECH.

OPP. HAND

DWG. SIZE: A — 28L1045


D ADDED 1/64R NO.WT. CHG 5-13-43
SUPPLIES & EQUIPMENT CLASSIFICATION
LET ALTERATION DATE BY
A TRACED 11-13-36 LWS
B WAS 3 2-10-38 G.P.
C TOL. ± 1/64 WAS ± .010
DIM. 3/4 WAS 5/8
M.C.H.R.STL. BAR WAS CHR. MOLY BAR
CHG. NORMALIZE TO NO HEAT TREAT
NAVY SPEC. AN-QQ-S-646-1 WAS 46S23
ADDED 20° CUT OFF WT. CHG. NEG. 4-28-43 WELCH
2 29/32
2 3/32
3/4
1/2
3/8
1/64 R
20°
BORE THRU 3/16 DIA (APPROX)
28L029 12 EA
28L029 12 EA
PBY-5 28L029 12
PB2Y-3 29L5184-R 6
PB2Y-3 29L5184-L 6
PBY-5B 28L029 12
PB2Y-2 28L029 12
PBY-5A 28L029 12
PBY-2 28L029
PBY-1-3 28L029
XP3Y-1 28L029
O.H. MODEL NEXT ASSY. REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS LH RH REQ. PART NO. LH RH REQ.
MAT. PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
LCW 11-13-36
APPROVED DATE
.086
CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY MILD CARBON H.R. STL. BAR
MATERIAL
AN-QQ-S-646-1
SPEC.
NONE
HEAT TREAT
NONE
FINISH
DAV'N 1-27-36
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
BUSHING-RIVET-SPECIAL
LOWER STRUT-FLOAT RETR.
OPP. HAND
DWG. SIZE A
28L1046

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	11-[illegible]-36	LWS
B	ADDED -4	1-11-37	J.G.S.
C	ADDED -5	[illegible]	W.K.B.
D	ADDED PB2Y-3 REQMTS.	6/16/41	GEM
E	ADDED NOTE FOR ALTERNATE MATERIAL ADDED FINISH NOTE. WT. CHG. REC.	4-16-43	[illegible]



O.H.	MODEL	NEXT ASSY.	REQ.
-4	ALL 28-5	28L1010	4 EA
-3	ALL 28-5	28L1010	2 EA
-2	ALL 28-5	28L1010	2 EA
-4	PBY5,5A,5B	28L1010	4 EA
-3	PBY5,5A,5B	28L1010	2 EA
-2	PBY5,5A,5B	28L1010	2 EA (D)
-5	PB2Y-2	29C1530	[illegible]
-5	PB2Y-2	29C1530	[illegible]
-5	PB2Y-2	29L075	6
-4	PB2Y-3	29L5075	6 + FURN. BY GOODYEAR
	PBY-2-4	28L1010-1	
	PBY-2-4	28L1010	
	PBY-1-3	28L1010-1	
	PBY-1-3	28L1010	
	XP3Y-1	28L1010-1	
	XP3Y-1	28L1010	

REQUIREMENTS PER AIRPLANE

(D)

DASH NO.	DIM. "A"	DIM. "B"
-5	[illegible]	11/16
-4	[illegible]	[illegible]
-3	[illegible]	[illegible]
-2	[illegible]	1

PART NO.	REQ. LH	REQ. RH
-4	2	2
-3	1	1
-2	1	1

ST'D PARTS — LH / RH REQ. — MAT. — PARTS LIST PER ASSY.

(E) NOTE:
.006-.010 THICK STAINLESS STEEL ALTERNATE MATERIAL FOR -5
.010-.015 ALCLAD - SPEC. QQA 362-II

FINISH NOTE:
STAIN. STL. — NONE
ALCLAD — Z

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010 ON DIA

[illegible] 11-14-36
APPROVED DATE

CALC. WT. [illegible] ACT. WT.

SCALE 12" = 1'-0"

[redacted]

MATERIAL	SPEC.	HEAT TREAT	FINISH
NOTED	47519	NONE	NOTED

DRAFT	CHECK	EXAM.	ENG.
2-18-36	[illegible]	Miller	R

FINISH-LIGH

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

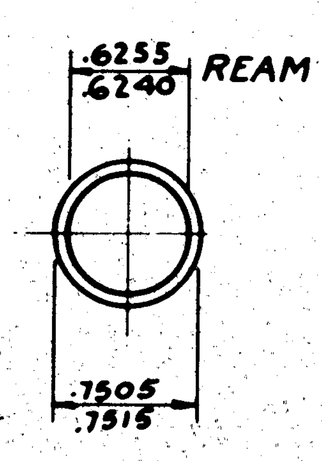
NAME: SEAL-FLOAT-LOCK & RECOIL MECH.-BEARING

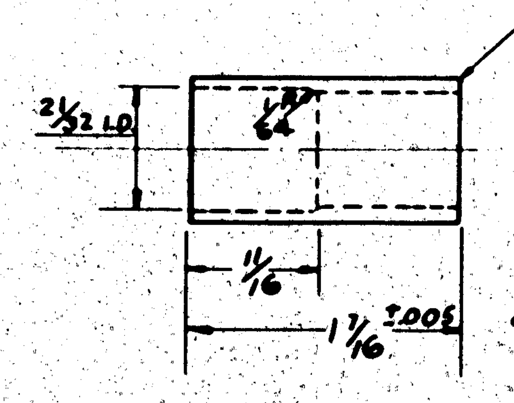
OPP. HAND

DWG. SIZE A 28L1050

[illegible] TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	12-1-36	LWS





FINISH [redacted]

C [redacted]

ALL DIM. SHOWN AFTER PLATING
BUSH. DIA'S. MUST BE CONCENTRIC
WITHIN .002

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28L029	4						
	PBY-5A	28L029	4						
	PBY-3-4	28L029							
	PBY-2	28L029							
	PBY-1	28L029							
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY:				

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010

APPROVED RCW DATE 12-1-36

CALC. WT. .068 | ACT. WT.

SCALE 12" = 1'-0"

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC			
NAVY CHR. MOLY. TUBE	44T18	125,000#/□	C OUTSIDE & INSIDE

DRAFT	CHECK	EXAM.	ENG.
PHILLIPS	[signature]	MILLER	
9-2-36	12-1-36		

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

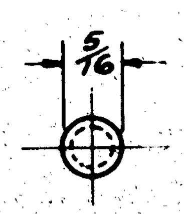
STAMP PT. No. WHERE SHOWN

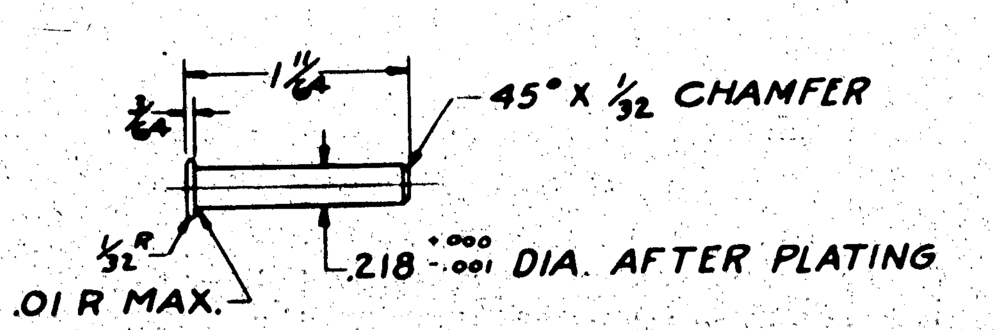
NAME BUSHING - FLOAT - STRUT RETRACTING LOWER

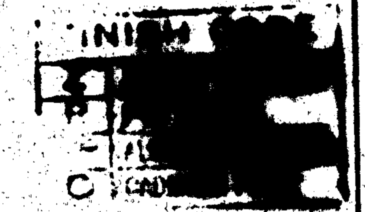
OPP. HAND

DWG. SIZE A 28L1051

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	11-14-36	LWS
C	H.T. 80000#/□" WAS 125000#/□"	11-18-[illegible]	[illegible]







O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PB2Y-3	29L075	8						
	PBY-5A	28L1010	6						
	PBY-2-4	28L1010-1							
	PBY-2-4	28L1010							
	PBY-1-3	28L1010-1							
	PBY-1-3	28L1010							
	PBY-5B	28L1010	6						

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .01

APPROVED	LCW
DATE	11-14-36
CALC. WT.	.013
ACT. WT.	
SCALE	12" = 1'-0"
AC	
NAVY	CHR. MOLY. ST'L OR # 2330 ST'L

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY CHR. MOLY. ST'L OR # 2330 ST'L	46523 46521	80,000#/□" MIN.	C	SHONTS 4-30-36	[illegible]	GREEN 5-4-36	R

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: PIN (SPECIAL) -FLOAT- LOCK & RECOIL MECH.

OPP. HAND

DWG. SIZE: A — 28L1052

TO TOLERANCE BLOCK NO. ... 4-28-41 BOYD

A TRACED ... 4-14-36
C CHANGED ... NOTES ... 3-38
CHANGED ... LENGTH FROM 1/2 TO 11/16. ... 4-22-39
D ... WAS 80,000 #/□" ... 12-23-41 BRAVERMAN
E 4 5/8 WAS ... ANDERSON

BREAK CORNERS OF HEX ... 0 #504

REF 7/16
5/32 REF.
REF.
-THD ... 28NF ... REF.
CHAMFER 45° X 1/32 REF.
11/16
4 5/8

1/16 SLOT 1/16 DEEP

SIMILAR TO AN ...
EXCEPT AS SHOWN

FURN BY GOODYEAR

PBY-3	2...	
...	28L029	6...
PBY-5B		
PBY-5A		
PBY-5		
PBY-4	28L029	
PBY-3	28L029	
PBY-2	28L029	
PBY-1	28L029	

NOM. DIA. ... 6451-4 ... 6

12" = 1'-0"

NICKLE STEEL A6521 ... 125,000 #/□"

CONSOLIDATED AIRCRAFT CORP.

BOLT (SPECIAL)
-FLOAT-
LOWER RETRACT. STRUT

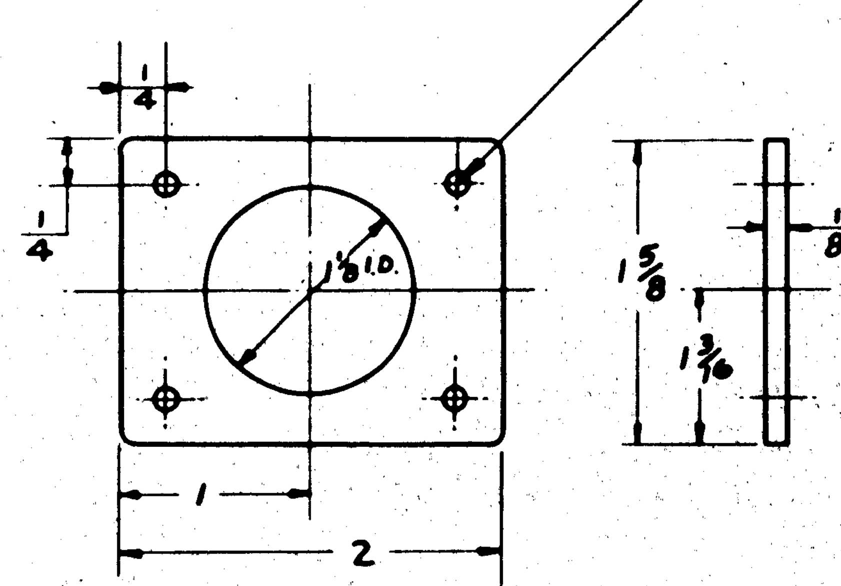
HOLDENER ... MILLER
8-7-36

A 28L1054

ENG. FILE

L1054

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	11-14-36	LWS



	PBY-5B	28L1047	1							
	PBY-5A	28L1047	1							
	PBY-2-4	28L1047								
	PBY-1-3	28L1047								
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.		LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.					

REPLACES	LCW 11-14-36 APPROVED DATE
REPLACED BY	.018 CALC. WT. / ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64	SCALE 12" = 1'-0"

AC				PHILLIPS	[illegible]	MINER	
NAVY 1/8 LAM. PHEN.	17P5 TYPE F.B.G.	———	NONE	8-28-36	12-1-36		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

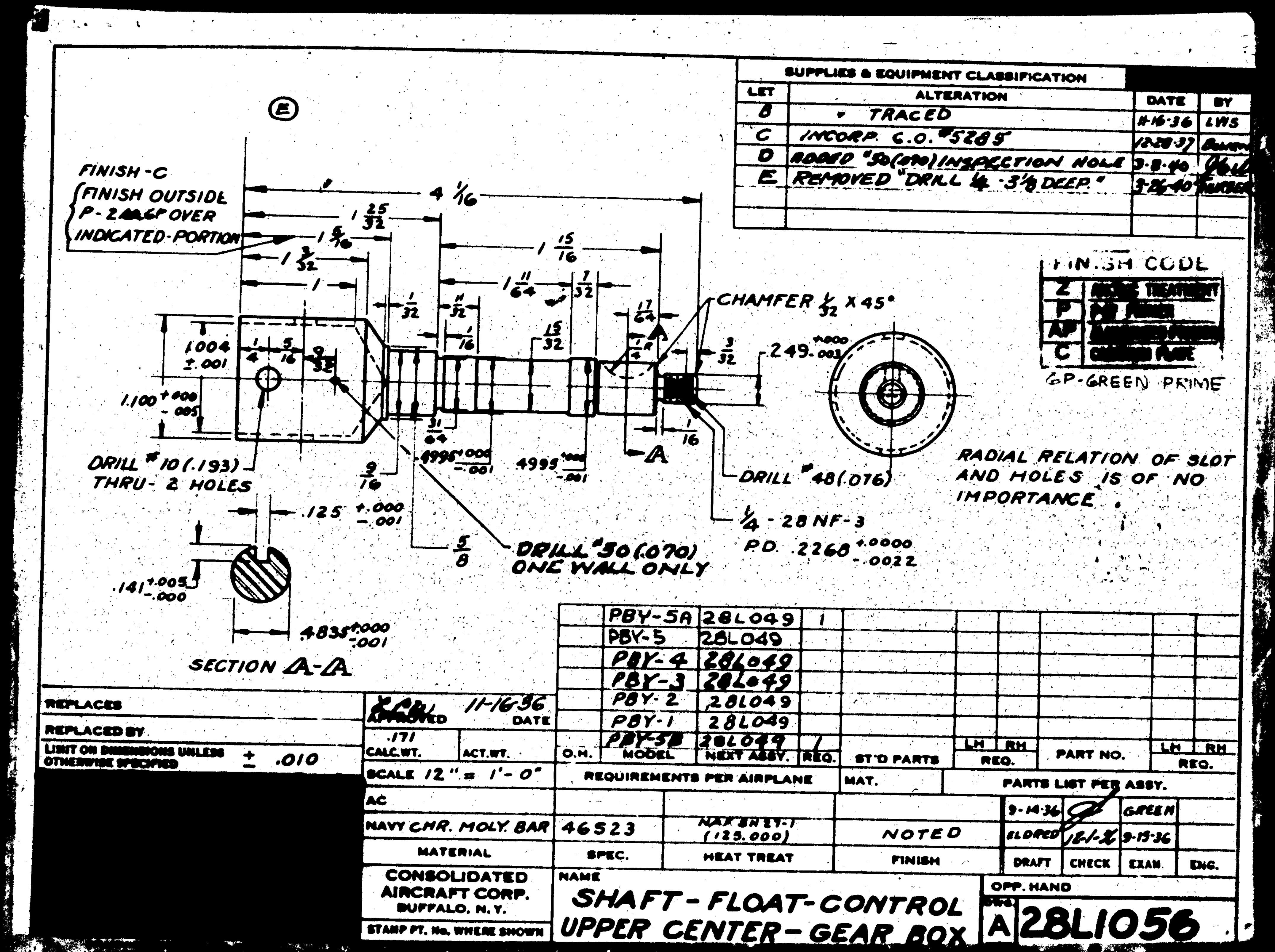
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

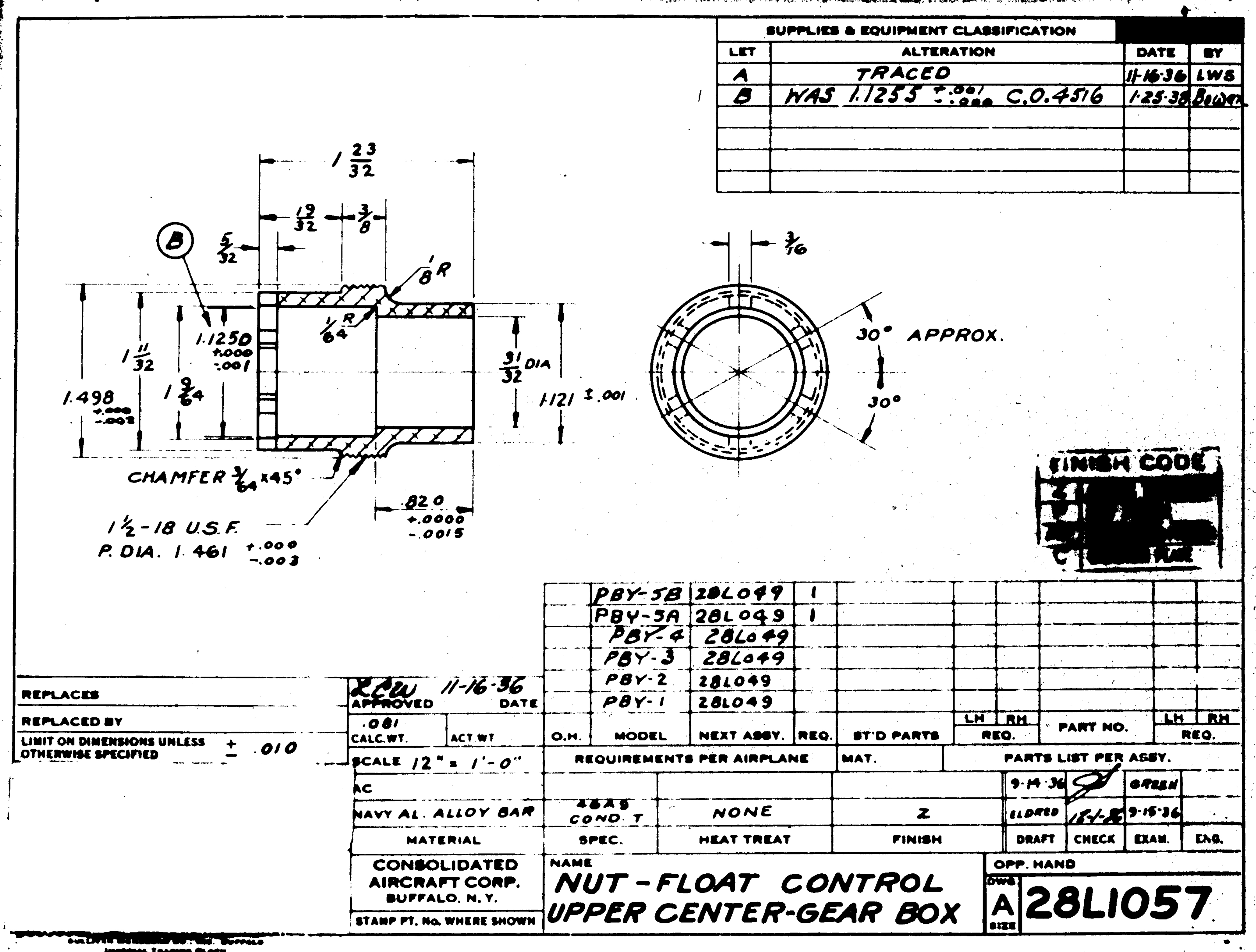
STAMP PT. No. WHERE SHOWN

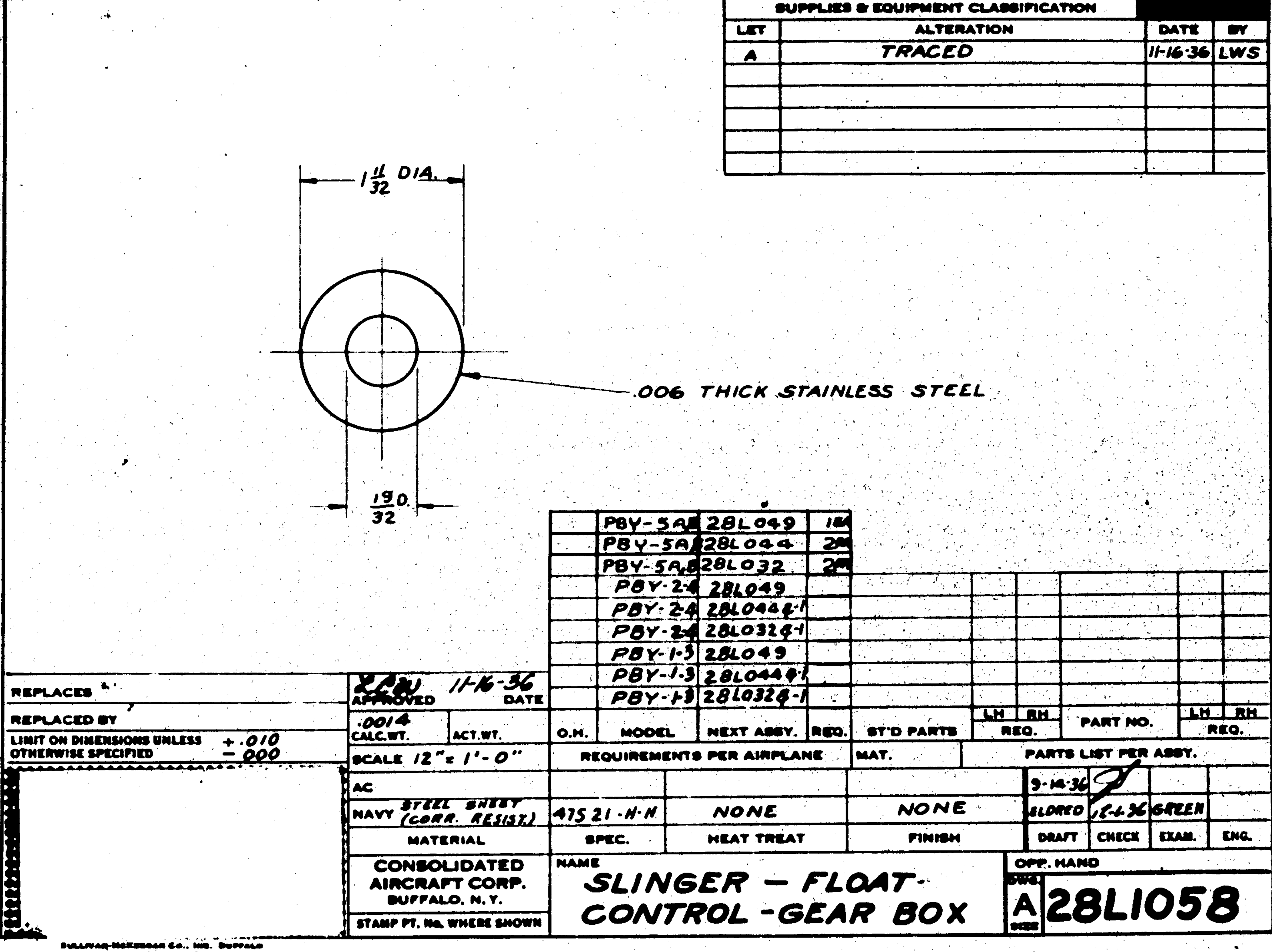
NAME PLATE-FLOAT-CONTROL CENTER TORQUE TUBE BEARING

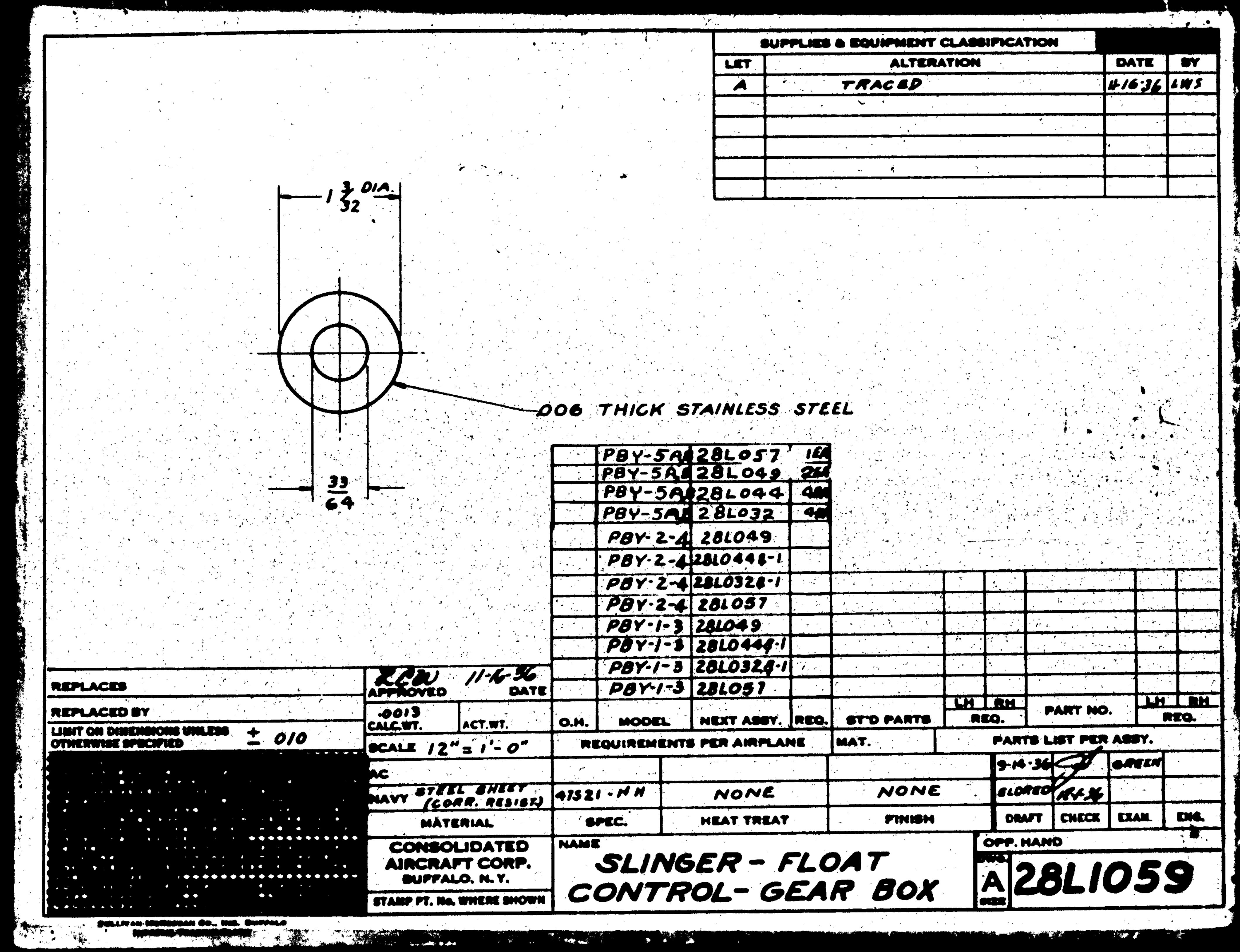
OPP. HAND

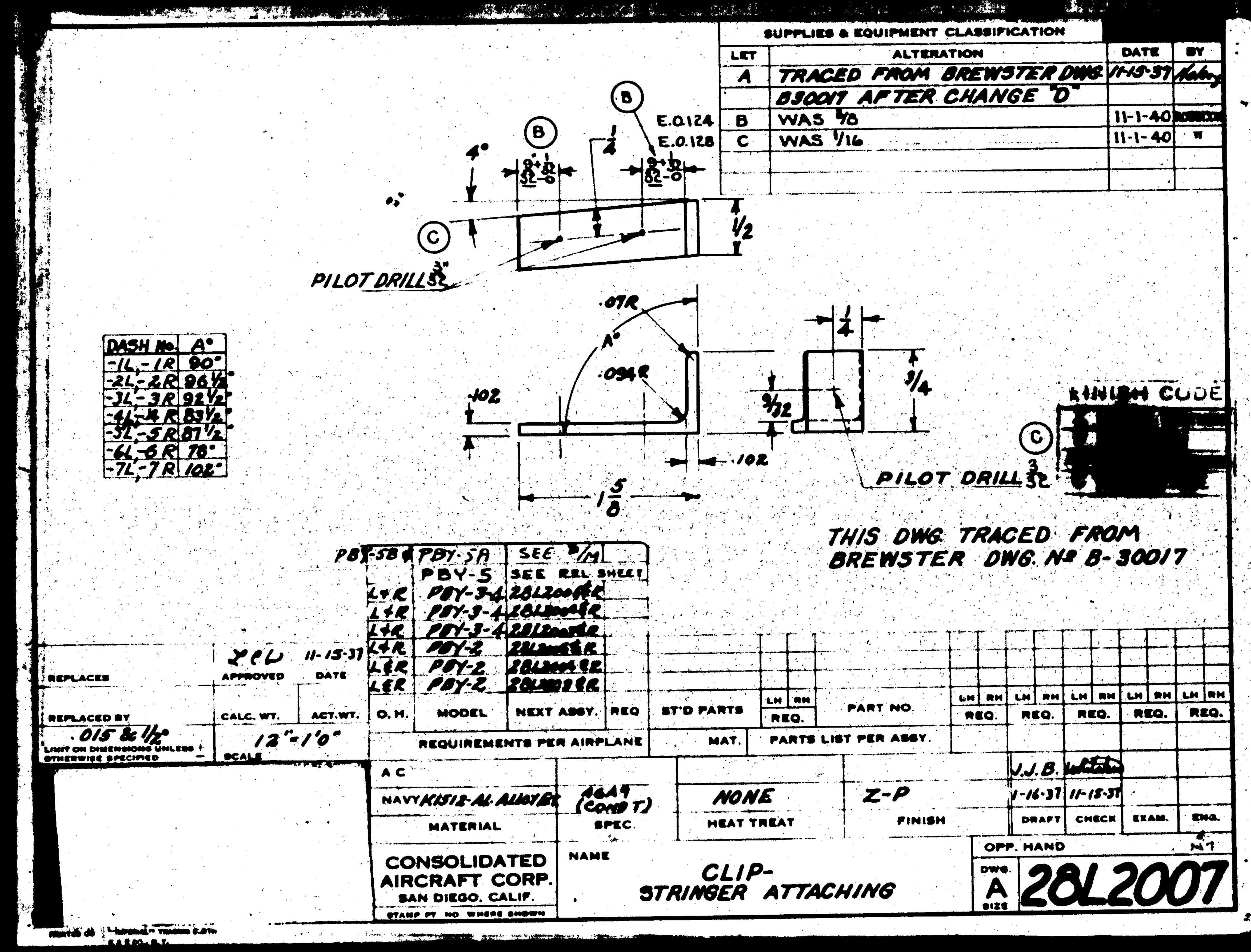
DWG. A SIZE 28L1055


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED | 11-16-36 | LWS
C | INCORP. C.O. #5285 | 12-28-37
D | ADDED "30(.070) INSPECTION HOLE | 3-8-40
E | REMOVED "DRILL 1/4 - 3 1/8 DEEP" | 3-26-40
(E)
FINISH - C
FINISH OUTSIDE P-2 GP OVER INDICATED PORTION
4 1/16
1 25/32
1 5/16
1 15/16
1 3/32
1
1 11/64
7/32
1/32
11/32
1/16
15/32
17/64
1/4
3/32
1/16
31/64
CHAMFER 1/32 X 45°
1.004 ±.001
1/4
5/16
9/32
1.100 +.000 -.005
.249 +.000 -.001
.4995 +.000 -.001
.4995 +.000 -.001
A
9/16
5/8
DRILL #10 (.193) THRU - 2 HOLES
DRILL #30 (.070) ONE WALL ONLY
DRILL #48 (.076)
1/4 - 28 NF - 3
P.D. .2268 +.0000 -.0022
RADIAL RELATION OF SLOT AND HOLES IS OF NO IMPORTANCE.
FINISH CODE
Z
P
AP
C
GP - GREEN PRIME
.125 +.000 -.001
.141 +.005 -.000
.4835 +.000 -.001
SECTION A-A
PBY-5A | 28L049 | 1
PBY-5 | 28L049
PBY-4 | 28L049
PBY-3 | 28L049
PBY-2 | 28L049
PBY-1 | 28L049
PBY-5B | 28L049 | 1
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED 11-16-36 DATE
.171 CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY CHR. MOLY. BAR | 46523 | NAF 3N27-1 (125.000) | NOTED
MATERIAL | SPEC. | HEAT TREAT | FINISH
9-14-36 | GREEN
9-15-36
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
SHAFT - FLOAT - CONTROL UPPER CENTER - GEAR BOX
OPP. HAND
DWG A 28L1056

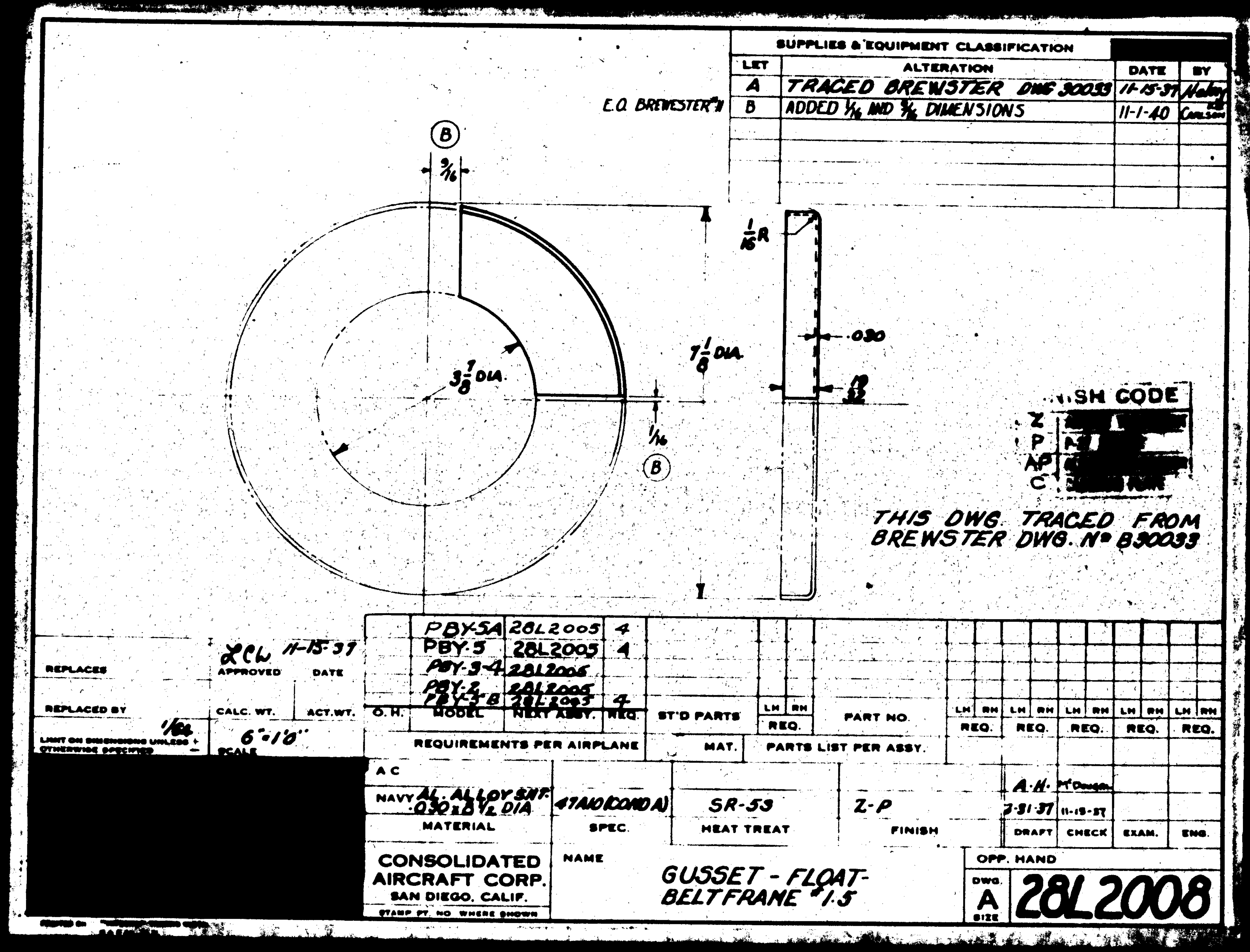

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 11-16-36 | LWS
B | WAS 1.1255 +.001 -.000 C.0.4516 | 1-25-38 | Bowen
1 23/32
19/32
3/8
5/32
B
1/8 R
1/64 R
1.1250 +.000 -.001
1 11/32
1 9/64
1.498 +.000 -.003
31/32 DIA
1.121 ±.001
3/16
30° APPROX.
30°
CHAMFER 3/64 x45°
.820 +.0000 -.0015
1 1/2-18 U.S.F.
P. DIA. 1.461 +.000 -.003
FINISH CODE
[redacted]
PBY-5B | 28L049 | 1
PBY-5A | 28L049 | 1
PBY-4 | 28L049
PBY-3 | 28L049
PBY-2 | 28L049
PBY-1 | 28L049
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
LCW 11-16-36
APPROVED DATE
.081
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY AL. ALLOY BAR | 46A6 COND. T | NONE | Z
MATERIAL | SPEC. | HEAT TREAT | FINISH
9-14-36 | GREEN
ELDRED | 9-15-36
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
NUT-FLOAT CONTROL UPPER CENTER-GEAR BOX
OPP. HAND
DWG SIZE A
28L1057
IMPERIAL TRACING CLOTH


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 11-16-36 | LWS
1 11/32 DIA.
.006 THICK STAINLESS STEEL
19/32 D.
PBY-5A 28L049
PBY-5A 28L044
PBY-5A 28L032
PBY-2-4 28L049
PBY-2-4 28L044-1
PBY-2-4 28L032-1
PBY-1-3 28L049
PBY-1-3 28L044-1
PBY-1-3 28L032-1
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE MAT. PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED +.010 -.000
APPROVED 11-16-36 DATE
.0014 CALC.WT. ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY STEEL SHEET (CORR. RESIST.) 47S21-H-N NONE NONE
MATERIAL SPEC. HEAT TREAT FINISH
9-14-36 ELDRED 12-4-36 GREEN
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
SLINGER - FLOAT-CONTROL-GEAR BOX
OPP. HAND
DWG SIZE A 28L1058

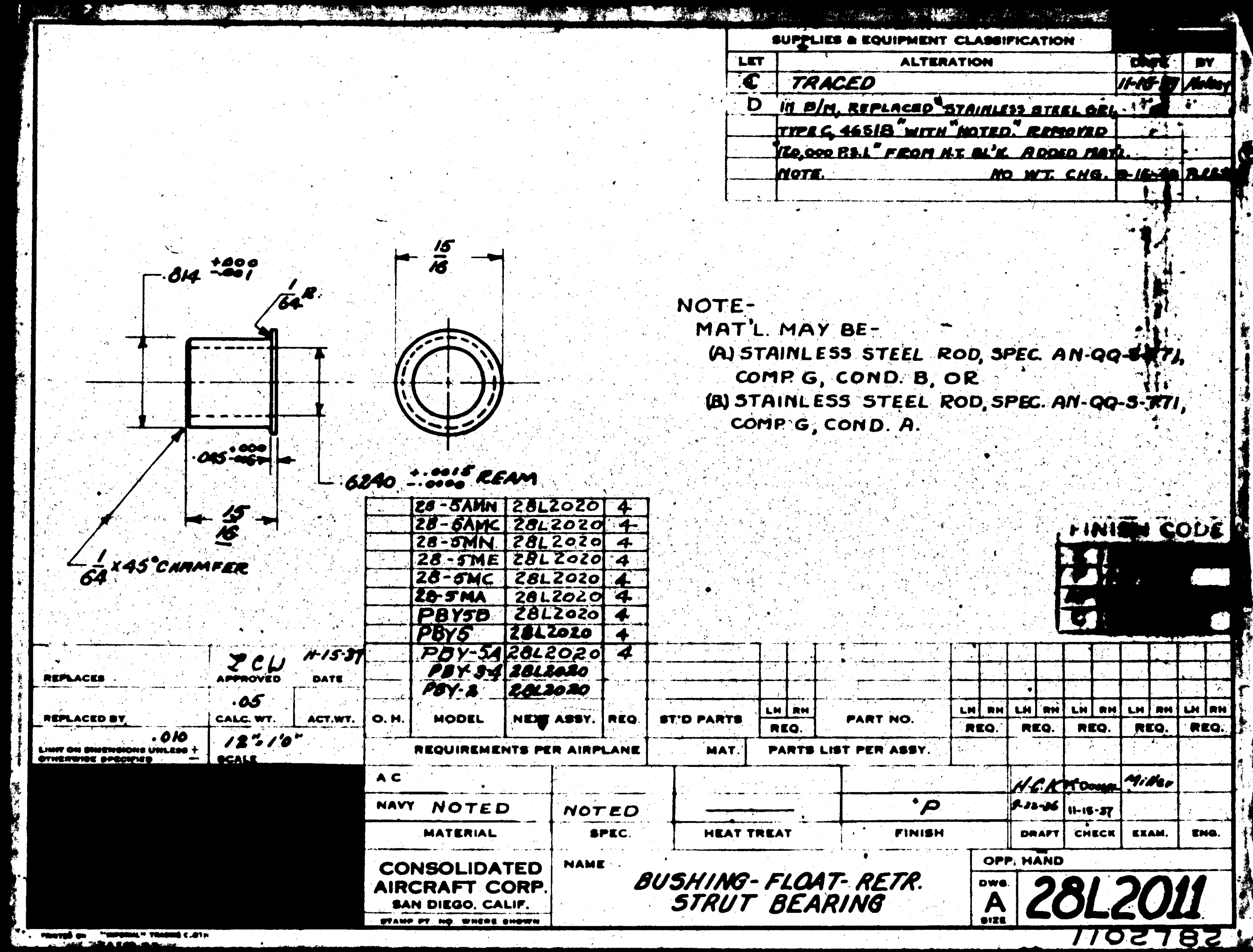
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
11-16-36
LWS
1 3/32 DIA.
33/64
.006 THICK STAINLESS STEEL
PBY-5A 28L057
PBY-5A 28L049
PBY-5A 28L044
PBY-5A 28L032
PBY-2-4 28L049
PBY-2-4 28L0448-1
PBY-2-4 28L0328-1
PBY-2-4 28L057
PBY-1-3 28L049
PBY-1-3 28L0448-1
PBY-1-3 28L0328-1
PBY-1-3 28L057
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010
APPROVED
11-16-36
DATE
.0013
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
STEEL SHEET (CORR. RESIST.)
47S21-HH
NONE
NONE
9-14-36
GREEN
ELDRED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
SLINGER - FLOAT CONTROL - GEAR BOX
OPP. HAND
A
28L1059



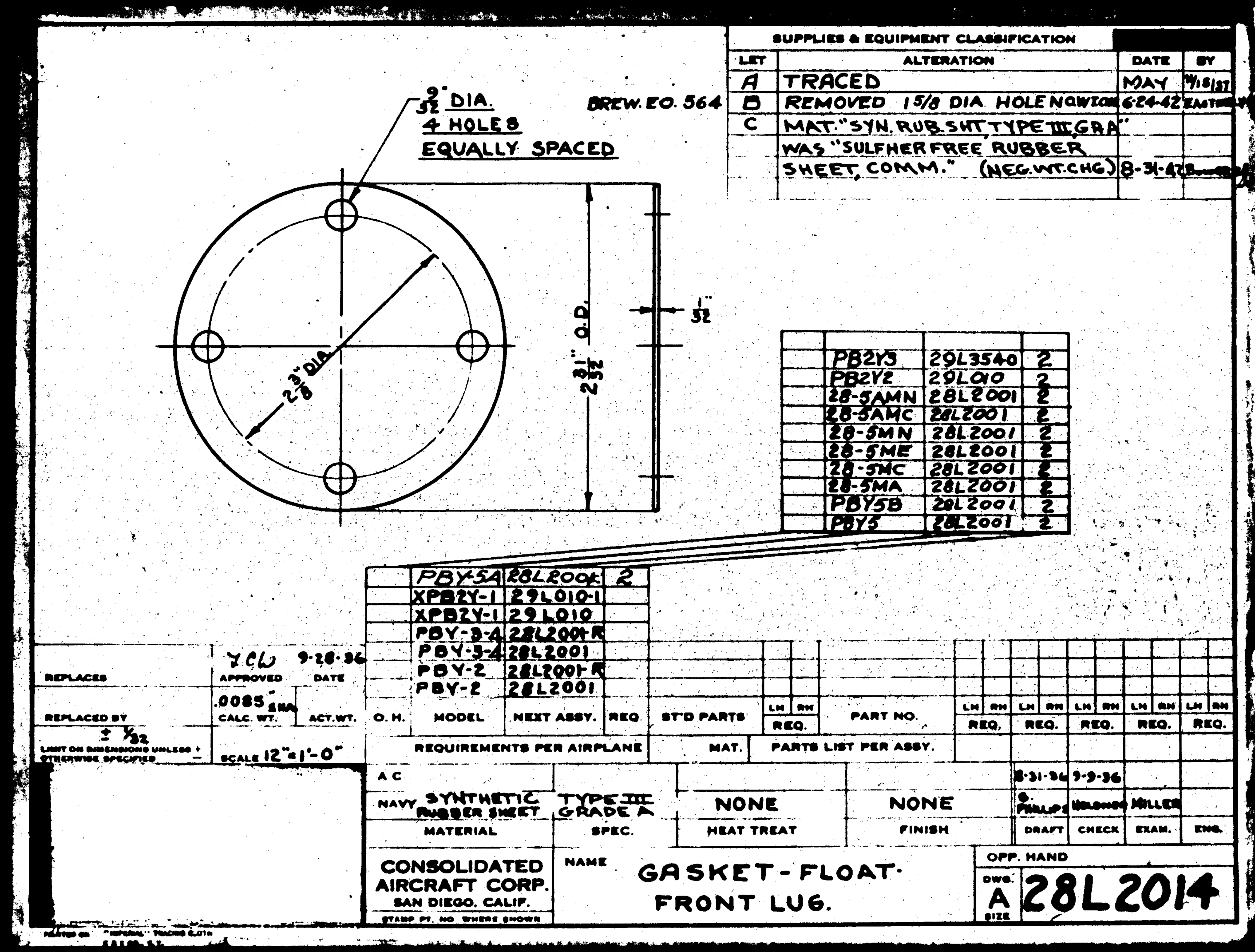
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED FROM BREWSTER DWG.
B30017 AFTER CHANGE "D"
11-15-37
B
WAS 1/8
11-1-40
C
WAS 1/16
11-1-40
E.O.124
E.O.128
4°
1/4
1/2
PILOT DRILL 3/32"
.07R
A°
.094R
.102
1 5/8
1/4
3/4
9/32
PILOT DRILL 3/32
FINISH CODE
DASH No.
-1L,-1R 90°
-2L,-2R 96 1/2°
-3L,-3R 92 1/2°
-4L,-4R 83 1/2°
-5L,-5R 87 1/2°
-6L,-6R 78°
-7L,-7R 102°
THIS DWG. TRACED FROM
BREWSTER DWG. No B-30017
PBY-5B
PBY-5A
SEE B/M
PBY-5
SEE REL SHEET
L+R PBY-3-4
L+R PBY-3-4
L+R PBY-3-4
L+R PBY-2
L+R PBY-2
L+R PBY-2
REPLACES
APPROVED
DATE
11-15-37
REPLACED BY
CALC. WT.
ACT. WT.
O. H.
MODEL
NEXT ASSY.
REQ
ST'D PARTS
LH RH REQ.
PART NO.
.015 & 1/2°
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
12" = 1'0"
SCALE
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
A C
J.J.B.
NAVY K1512-AL. ALLOY
(COND T)
NONE
Z-P
1-16-37
11-15-37
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME
CLIP-
STRINGER ATTACHING
DWG.
A
SIZE
28L2007



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED BREWSTER DWG 30033 | 11-15-37
B | ADDED 1/16 AND 9/16 DIMENSIONS | 11-1-40 | CARLSON
E.Q. BREWSTER #11
B
9/16
1/16 R
.030
7 1/8 DIA.
3 7/8 DIA.
19/32
1/16
B
...SH CODE
Z [redacted]
P [redacted]
AP [redacted]
C [redacted]
THIS DWG. TRACED FROM BREWSTER DWG. Nº B30033
PBY-5A 28L2005 4
PBY-5 28L2005 4
PBY-3-4 28L2006
PBY-2 28L2006
PBY-5B 28L2005 4
O.H. MODEL NEXT ASSY. REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS
LH RH REQ.
PART NO.
MAT.
PARTS LIST PER ASSY.
REPLACES
LCW 11-15-37
APPROVED DATE
REPLACED BY
CALC. WT. ACT. WT.
1/64
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
6" = 1'0"
SCALE
[redacted]
A C
NAVY AL. ALLOY SHT. .030 x 8 1/2 DIA
MATERIAL
47A10 (COND A)
SPEC.
SR-53
HEAT TREAT
Z-P
FINISH
A.H. McDonald
3-31-37 11-15-37
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME
GUSSET - FLOAT - BELTFRAME #1.5
OPP. HAND
DWG. A SIZE
28L2008

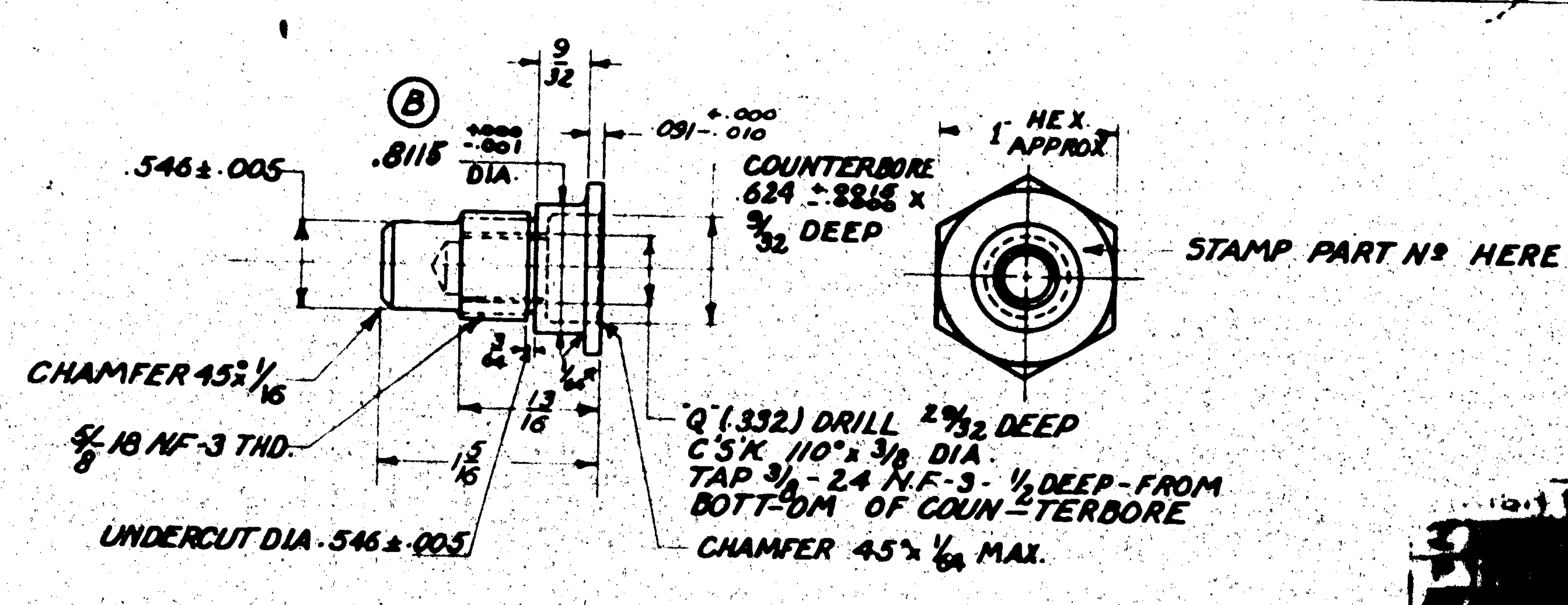


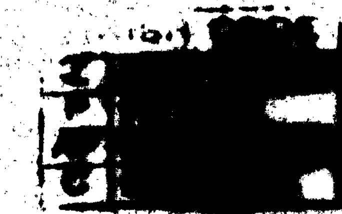
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C | TRACED | 11-15-37
D | IN B/M, REPLACED "STAINLESS STEEL QRL. TYPE G, 46S18" WITH "NOTED." REMOVED "120,000 P.S.I." FROM H.T. BL'K. ADDED MATL. NOTE. NO WT. CHG.
.814 +.000 -.001
1/64 R.
15/16
.045 +.000 -.005
.6240 +.0015 -.0000 REAM
15/16
1/64 x 45° CHAMFER
NOTE-
MAT'L. MAY BE-
(A) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. B, OR
(B) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.
FINISH CODE
28-5AMN | 28L2020 | 4
28-5AMC | 28L2020 | 4
28-5MN | 28L2020 | 4
28-5ME | 28L2020 | 4
28-5MC | 28L2020 | 4
28-5MA | 28L2020 | 4
PBY5B | 28L2020 | 4
PBY5 | 28L2020 | 4
PBY-5A | 28L2020 | 4
PBY-3-4 | 28L2020
PBY-2 | 28L2020
O. H. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.
MAT. | PARTS LIST PER ASSY.
REPLACES | ZCW APPROVED | 11-15-37 DATE
REPLACED BY | .05 CALC. WT. | ACT. WT.
.010 LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
12" = 1'0" SCALE
AC
NAVY NOTED | NOTED | | P
MATERIAL | SPEC. | HEAT TREAT | FINISH
H.C.K. 9-23-36 | McDonald 11-15-37 | Miller
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME BUSHING-FLOAT-RETR. STRUT BEARING
OPP. HAND
DWG. SIZE A
28L2011
28L2011


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | MAY | 11/18/37
B | REMOVED 15/8 DIA. HOLE NOW | 6-24-42
C | MAT. "SYN. RUB. SHT. TYPE III GR A" WAS "SULFHER FREE RUBBER SHEET, COMM." (NEG. WT. CHG.) | 8-31-42
BREW. EO. 564
9/32" DIA. 4 HOLES EQUALLY SPACED
2 3/8" DIA.
2 31/32" O.D.
1/32"
PB2Y3 29L3540 2
PB2Y2 29L010 2
28-5AMN 28L2001 2
28-5AMC 28L2001 2
28-5MN 28L2001 2
28-5ME 28L2001 2
28-5MC 28L2001 2
28-5MA 28L2001 2
PBY5B 28L2001 2
PBY5 28L2001 2
PBY-5A 28L2001 2
XPB2Y-1 29L010-1
XPB2Y-1 29L010
PBY-3-4 28L2001-R
PBY-3-4 28L2001
PBY-2 28L2001-R
PBY-2 28L2001
REPLACES
JCW 9-28-36
APPROVED DATE
REPLACED BY
.0085 LBS.
CALC. WT. ACT. WT.
± 1/32
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
SCALE 12"=1'-0"
O. H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ. LH RH REQ. LH RH REQ. LH RH REQ. LH RH REQ.
REQUIREMENTS PER AIRPLANE MAT. PARTS LIST PER ASSY.
A C
NAVY SYNTHETIC RUBBER SHEET TYPE III GRADE A NONE NONE
MATERIAL SPEC. HEAT TREAT FINISH
8-31-36 9-9-36
G. PHILLIPS HOLMES MILLER
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME GASKET - FLOAT - FRONT LUG.
OPP. HAND
DWG. A SIZE 28L2014

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	11-18-37	Miller
B	WAS .814 +.000 -.001 BREWSTER ENG. ORDER # 35	2-17-38	Bowers





			O. H.	MODEL	NEXT ASSY.	REQ.
REPLACES	YCW APPROVED	11-15-37 DATE		PBY-5A	28L2020	4
				PBY-3-4	28L2020	
				PBY-2	28L2020	
REPLACED BY	.06 CALC. WT.	ACT. WT.		PBY-5B	28L2020	4
.010 LIMIT ON DIMENSIONS UNLESS ± OTHERWISE SPECIFIED	12" = 1'0" SCALE		REQUIREMENTS PER AIRPLANE			

ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ. | LH RH REQ. | LH RH REQ. | LH RH REQ. | LH RH REQ.

MAT. | PARTS LIST PER ASSY.

AC / NAVY				
STAINLESS STEEL GRADE 1-TYPE C	46S18	120,000#/□"	C-P	SHOWN ☒ W.H. Miller
MATERIAL	SPEC.	HEAT TREAT	FINISH	9-9-36 DRAFT / 11-6-37 CHECK / EXAM. / ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

NAME BUSHING-FLOAT-RETR. STRUT ATTACH. BOLT

OPP. HAND

DWG. SIZE A 28L2017

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED FROM BREWSTER DWG 30034 AFTER CHANGE 'A'	11-4-37	[illegible]
B	$1\frac{3}{8}$ WAS $\frac{7}{16}$	11-1-40	[illegible]

BREWSTER E.O. 280

NOTE: LOCATE 4-#30 HOLES FROM 28L2022 (REF.)

MATERIAL: .051 x $1\frac{1}{2}$ x 3 AL. ALLOY SHEET

[redacted]

THIS DWG. TRACED FROM BREWSTER DWG. Nº 30034

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28L2006	8
	PBY-5A	28L2003	8
	PBY-5	28L2003	8
	PBY-5	28L2006	8
	PBY-5B	28L2006	8
	PBY-5B	28L2003	8
	PBY-3-4	[illegible]	
	PBY-3-4	[illegible]	
	PBY-2	[illegible]	
	PBY-2	[illegible]	

REQUIREMENTS PER AIRPLANE

REPLACES

REPLACED BY

YCW APPROVED 11-4-37 DATE

CALC. WT. | ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

SCALE 12" = 1'0"

ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ. | LH RH REQ. | LH RH REQ. | LH RH REQ. | LH RH REQ.

MAT. | PARTS LIST PER ASSY.

A C

NAVY NOTED — MATERIAL

47A10 COND'T — SPEC.

NONE — HEAT TREAT

Z-P — FINISH

J.J.B. 4-21-37 — DRAFT | [illegible] 11-5-37 — CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

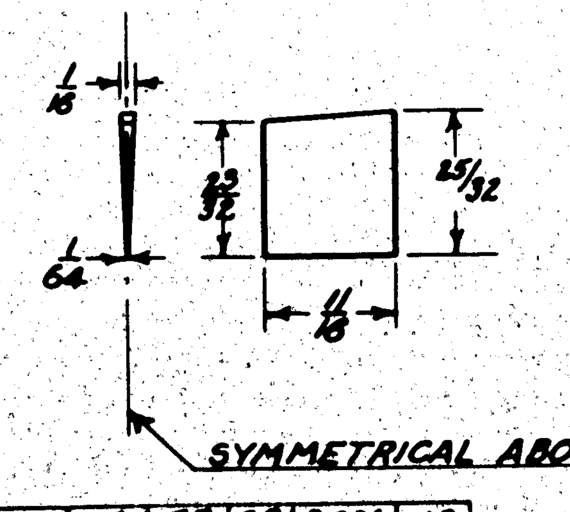
NAME: FILLER SHEET FL'T. BULKHEAD #0.66 & #2.0

OPP. HAND

DWG. SIZE A 28L2028

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	11-8-37	Nelson



[redacted]

THIS DWG. TRACED FROM BREWSTER DWG. Nº 30064

O. H.	MODEL	NEXT ASSY.	REQ
	PBY-5B	28L2006	10
	PBY-5B	28L2003	10
	PBY-5A	28L2006	10
	PBY-5A	28L2003	10
	PBY-3-4	28L2003	4
	PBY-2	28L2003	4
	PBY-3-4	28L2006	4
	PBY-2	28L2006	4

REQUIREMENTS PER AIRPLANE

REPLACES — APPROVED LCL — DATE 11-9-37

REPLACED BY — CALC. WT. — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

SCALE 12" = 1'0"

ST'D PARTS — LH / RH REQ. — PART NO. — LH / RH REQ. — MAT. — PARTS LIST PER ASSY.

A C

NAVY 1/16 × 11/16 × 3/4 AL. ALLOY SH'T. — MATERIAL

47A10 COND "T" — SPEC.

NONE — HEAT TREAT

Z-P — FINISH

DRAFT	CHECK	EXAM.	ENG.
A.W. 5-17-37	Whitaker 11-8-37		

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

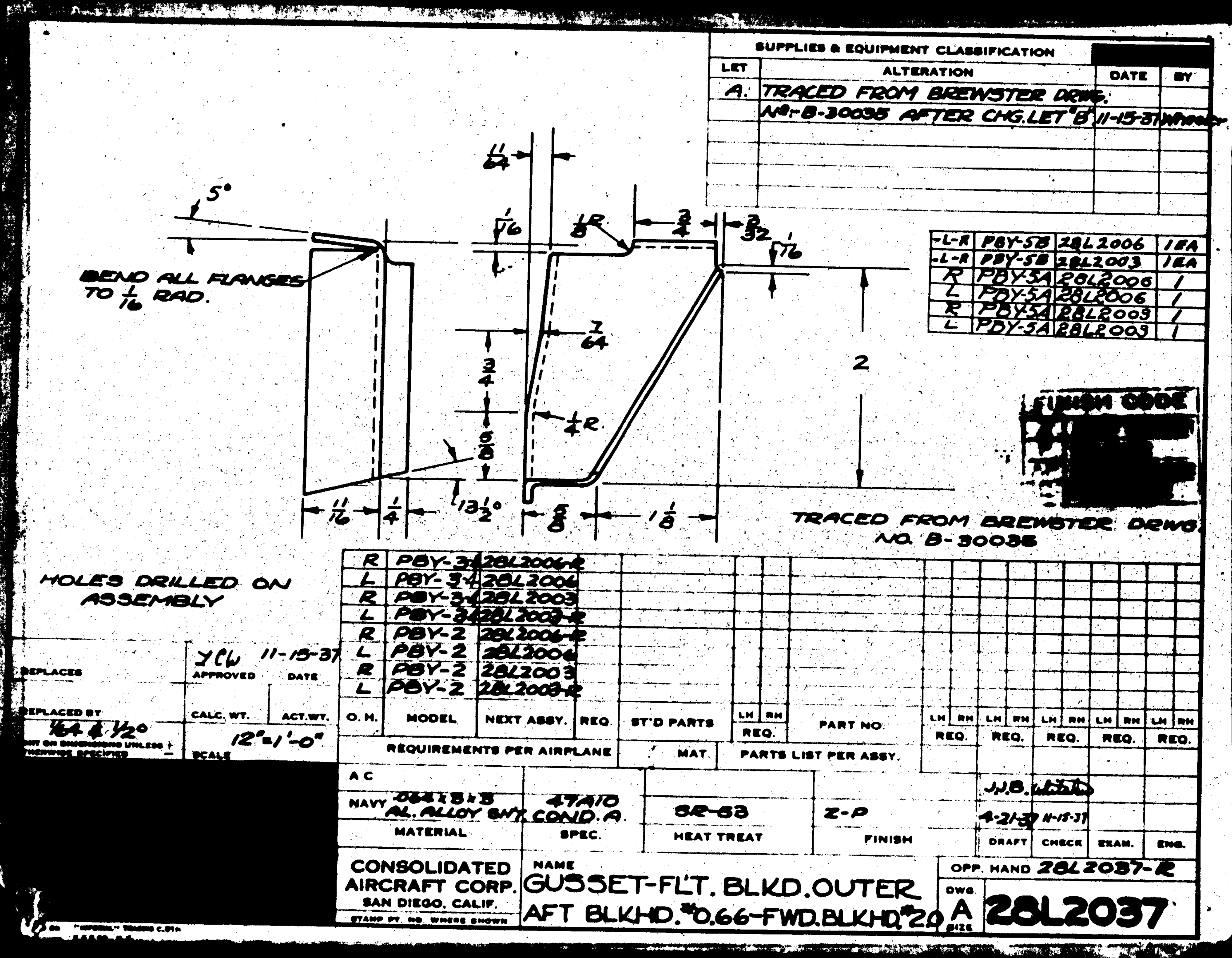
STAMP PT. NO. WHERE SHOWN

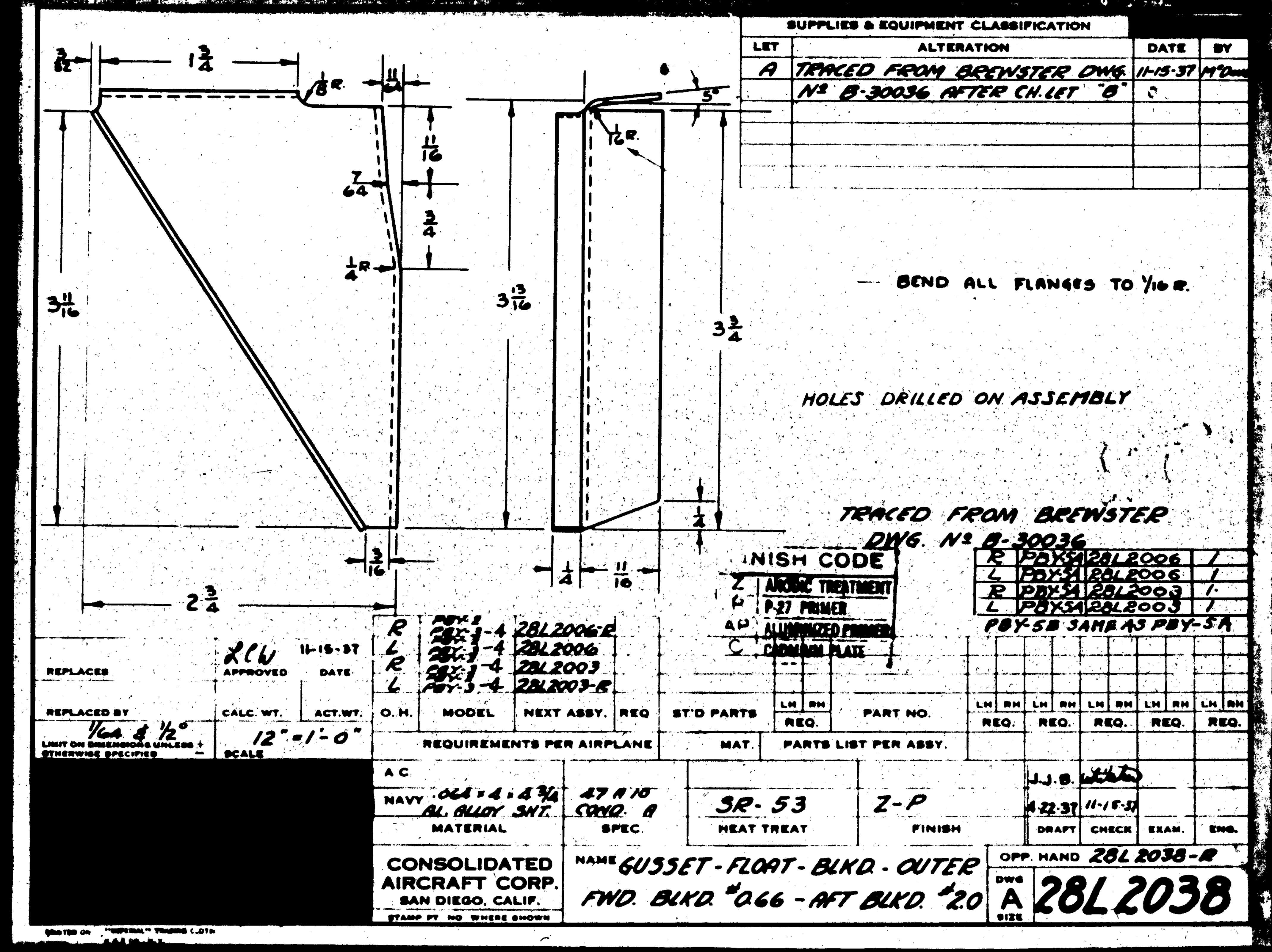
NAME: FILLER - TAPERED - BELTFRAMES #0.66 & #2.0

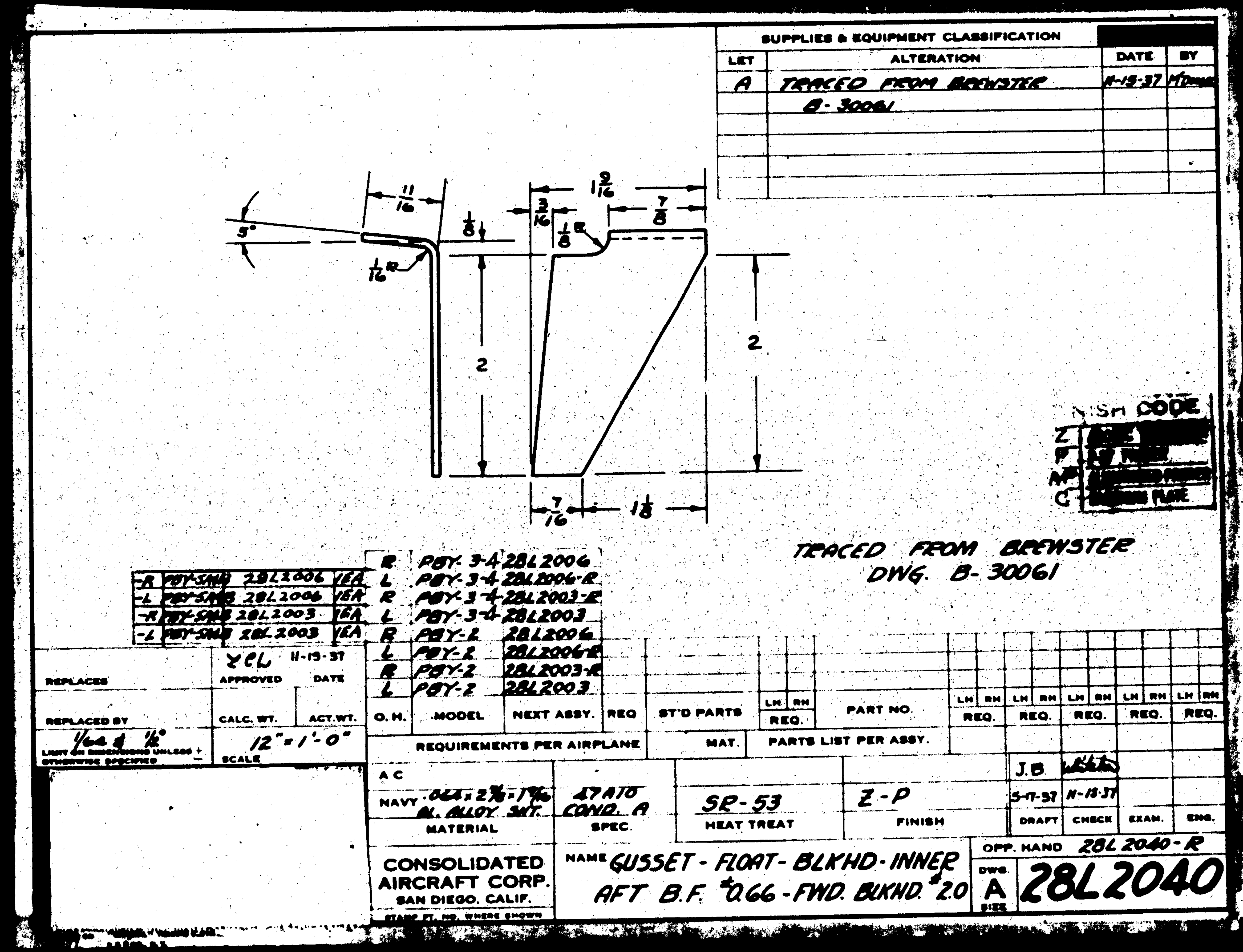
OPP. HAND

DWG. SIZE A — 28L2030

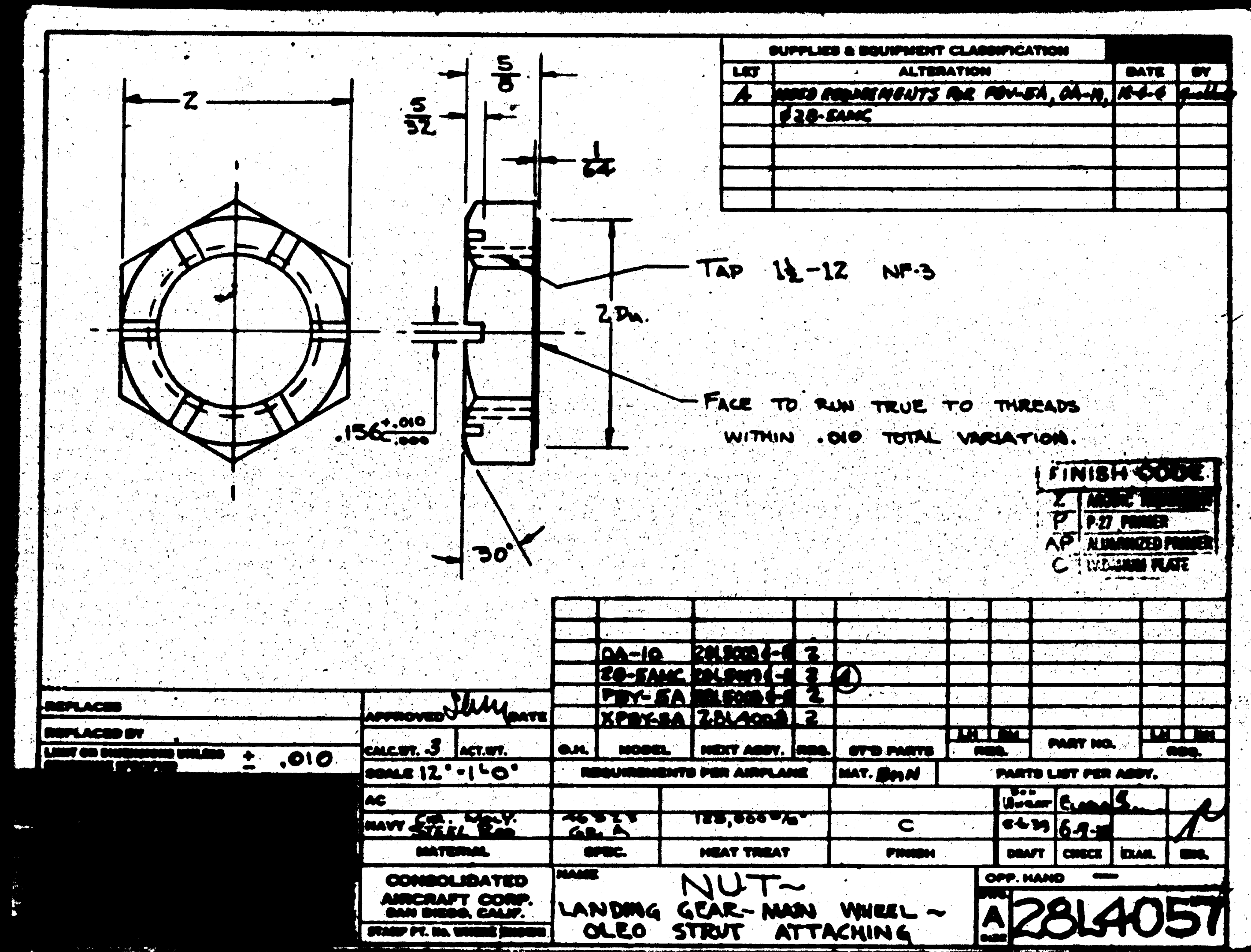
PRINTED ON "IMPERIAL" TRACING CLOTH

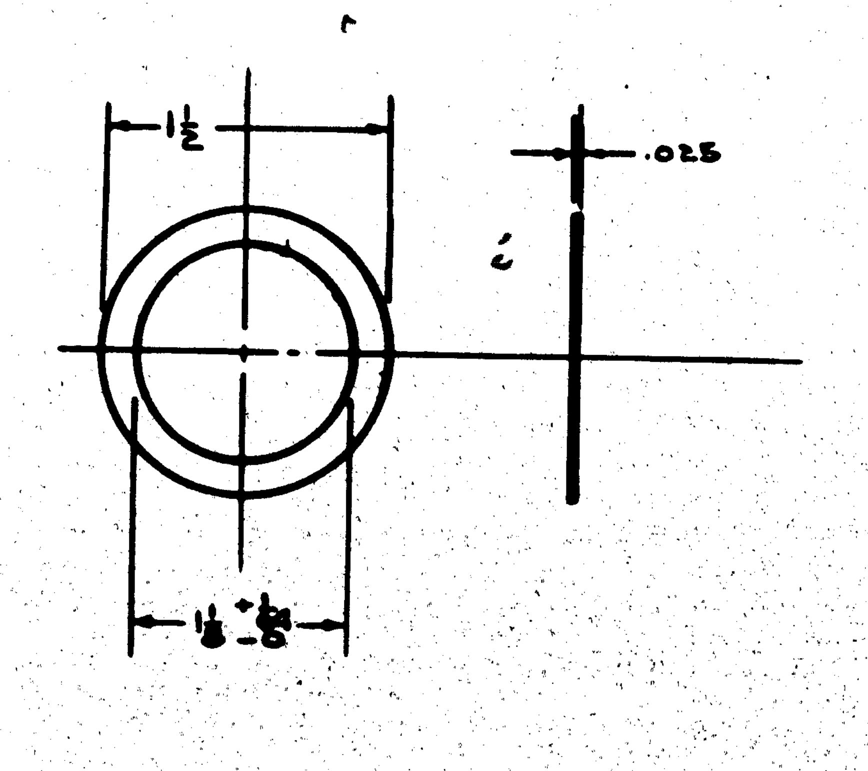

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A. TRACED FROM BREWSTER DRWG.
Nº-B-30035 AFTER CHG. LET "B" 11-15-37 Wheeler
-L-R PBY-5B 28L2006 1EA
-L-R PBY-5B 28L2003 1EA
R PBY-5A 28L2006 1
L PBY-5A 28L2006 1
R PBY-5A 28L2003 1
L PBY-5A 28L2003 1
5°
BEND ALL FLANGES TO 1/16 RAD.
11/64
1/16
1/8 R
3/4
3/32
1/16
7/64
3/4
1/4 R
5/8
2
11/16
1/4
13 1/2°
5/8
1 1/8
TRACED FROM BREWSTER DRWG. NO. B-30035
HOLES DRILLED ON ASSEMBLY
R PBY-3-4 28L2006-R
L PBY-3-4 28L2006
R PBY-3-4 28L2003
L PBY-3-4 28L2003-R
R PBY-2 28L2006-R
L PBY-2 28L2006
R PBY-2 28L2003
L PBY-2 28L2003-R
O. H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
YCW 11-15-37
APPROVED
DATE
REPLACED BY
CALC. WT.
ACT. WT.
1/64 & 1/2°
12" = 1'-0"
SCALE
A C
NAVY 24S-T 47A10
AL. ALLOY SHT. COND. A
MATERIAL
SPEC.
SR-53
HEAT TREAT
Z-P
FINISH
J.J.B. Wheeler
4-21-37 11-15-37
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME
GUSSET-FLT. BLKD. OUTER
AFT BLKHD. #0.66-FWD. BLKHD. #2.0
OPP. HAND 28L2037-R
DWG. SIZE A
28L2037


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED FROM BREWSTER DWG. Nº B-30036 AFTER CH. LET "B" | 11-15-37 | McDon
BEND ALL FLANGES TO 1/16 R.
HOLES DRILLED ON ASSEMBLY
TRACED FROM BREWSTER DWG. Nº B-30036
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
R PBY-5A 28L2006 1
L PBY-5A 28L2006 1
R PBY-5A 28L2003 1
L PBY-5A 28L2003 1
PBY-5B SAME AS PBY-5A
R PBY-1-4 28L2006-R
L PBY-1-4 28L2006
R PBY-1-4 28L2003
L PBY-1-4 28L2003-R
REPLACES
LCW APPROVED
11-15-37 DATE
REPLACED BY
CALC. WT.
ACT. WT.
O. H.
MODEL
NEXT ASSY.
REQ
ST'D PARTS
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
1/64 & 1/2°
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
12" = 1'-0"
SCALE
AC
NAVY .064 × 4 × 4 3/4 AL. ALLOY SHT.
MATERIAL
47 A 10 COND. A
SPEC.
SR-53
HEAT TREAT
Z-P
FINISH
J.J.B.
4-22-37 DRAFT
11-15-37 CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME GUSSET - FLOAT - BLKD. - OUTER FWD. BLKD. #0.66 - AFT BLKD. #2.0
OPP. HAND 28L2038-R
DWG SIZE A
28L2038



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED FROM BREWSTER B-30061 | 11-19-37 | McDonald
11/16
5°
1/16 R
1/8
2
3/16
1/8 R
1 9/16
7/8
2
7/16
1 1/8
FINISH CODE
Z
P
C
TRACED FROM BREWSTER DWG. B-30061
-R PBY-5A&B 28L2006 1EA
-L PBY-5A&B 28L2006 1EA
-R PBY-5A&B 28L2003 1EA
-L PBY-5A&B 28L2003 1EA
R PBY-3-4 28L2006
L PBY-3-4 28L2006-R
R PBY-3-4 28L2003-R
L PBY-3-4 28L2003
R PBY-2 28L2006
L PBY-2 28L2006-R
R PBY-2 28L2003-R
L PBY-2 28L2003
REPLACES
YCL 11-19-37
APPROVED DATE
REPLACED BY
CALC. WT. ACT. WT.
O. H. MODEL NEXT ASSY. REQ ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
1/64 & 1/2°
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
12" = 1'-0"
SCALE
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
A C
NAVY .064 x 2 3/8 x 1 7/16 AL. ALLOY SHT.
MATERIAL
47ATO COND. A
SPEC.
SR-53
HEAT TREAT
Z-P
FINISH
J.B.
5-17-37 11-18-37
DRAFT CHECK EXAM. ENG.
OPP. HAND 28L2040-R
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
NAME GUSSET - FLOAT - BLKHD - INNER AFT B.F. #0.66 - FWD. BLKHD. #2.0
DWG. A SIZE
28L2040
STAMP PT. NO. WHERE SHOWN


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | ADDED REQUIREMENTS FOR PBY-5A, OA-10, 28-5AMC
Z
5/8
5/32
1/64
TAP 1½-12 NF-3
2 DIA.
FACE TO RUN TRUE TO THREADS WITHIN .010 TOTAL VARIATION.
.156 +.010 -.000
30°
FINISH CODE
Z
P P-27 PRIMER
AP ALUMINIZED PRIMER
C
OA-10 2
28-5AMC 2 A
PBY-5A 2
XPBY-5A 2
REPLACES
REPLACED BY
± .010
APPROVED
DATE
CALC.WT. 3
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
PART NO.
SCALE 12"=1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
C
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
DRAWN
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
NAME
NUT~
LANDING GEAR-MAIN WHEEL~
OLEO STRUT ATTACHING
OPP. HAND —
A 28L4057



SUPPLIES & EQUIPMENT CLASSIFICATION	[redacted]		
LET	ALTERATION	DATE	BY
A.	[illegible]		
	ADDED NEW REQ.	[illegible]	[illegible]
B	ADDED "ANN." TO 99521 SPEC.	[illegible]	[illegible]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-5AMC	28L5004	4						
	OA-10	28L5004	4						
	PBY-5A	28L5004	4						
	XPBY-5A	28L4004	4						

REQUIREMENTS PER AIRPLANE — MAT. [illegible] — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

[illegible] 6-1-39 APPROVED DATE

CALC.WT. | ACT.WT

SCALE 12" = 1'-0"

	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC								
NAVY	STAINLESS STEEL	99521 (ANN)	NONE	NONE	5-10-39	[illegible]		

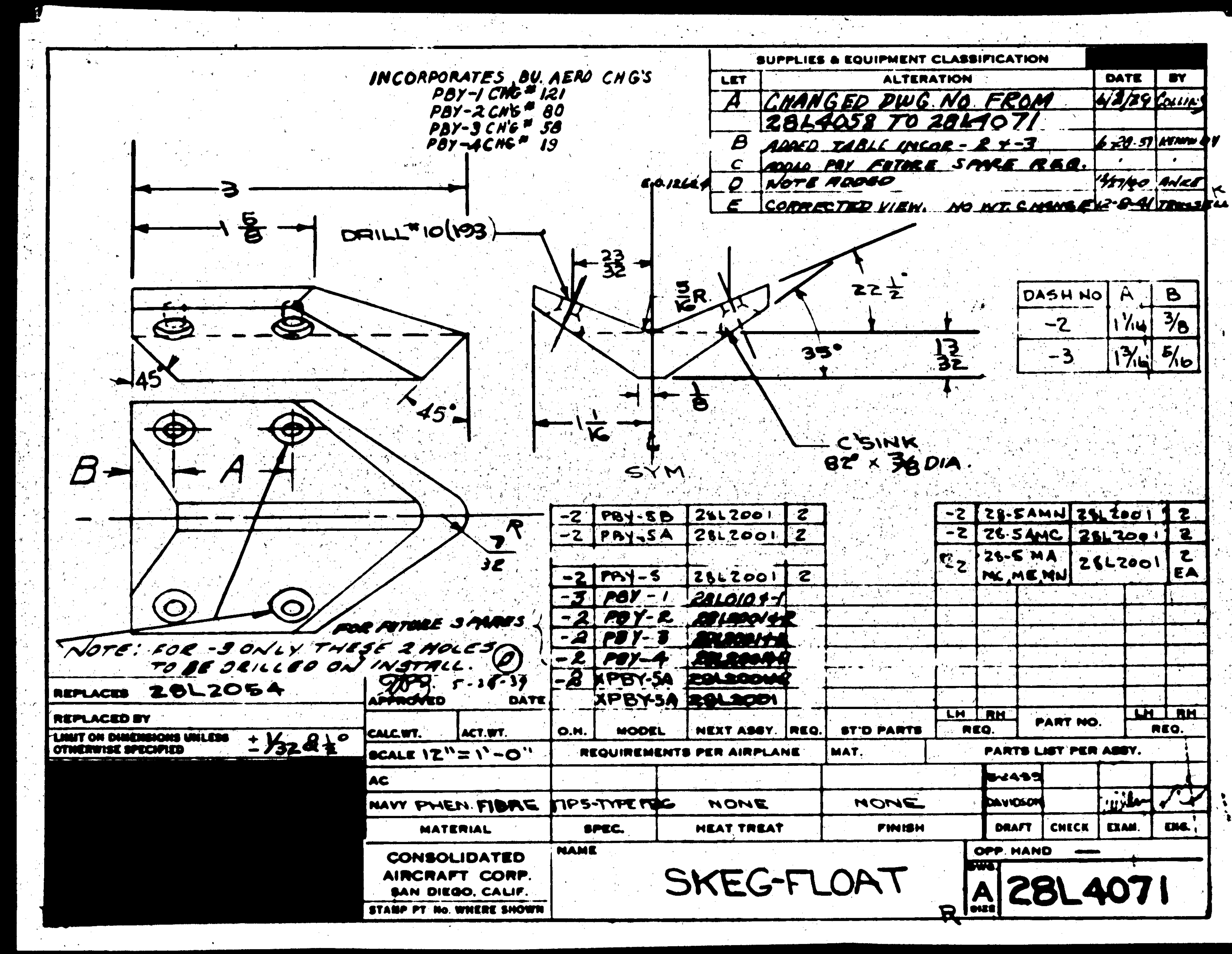
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

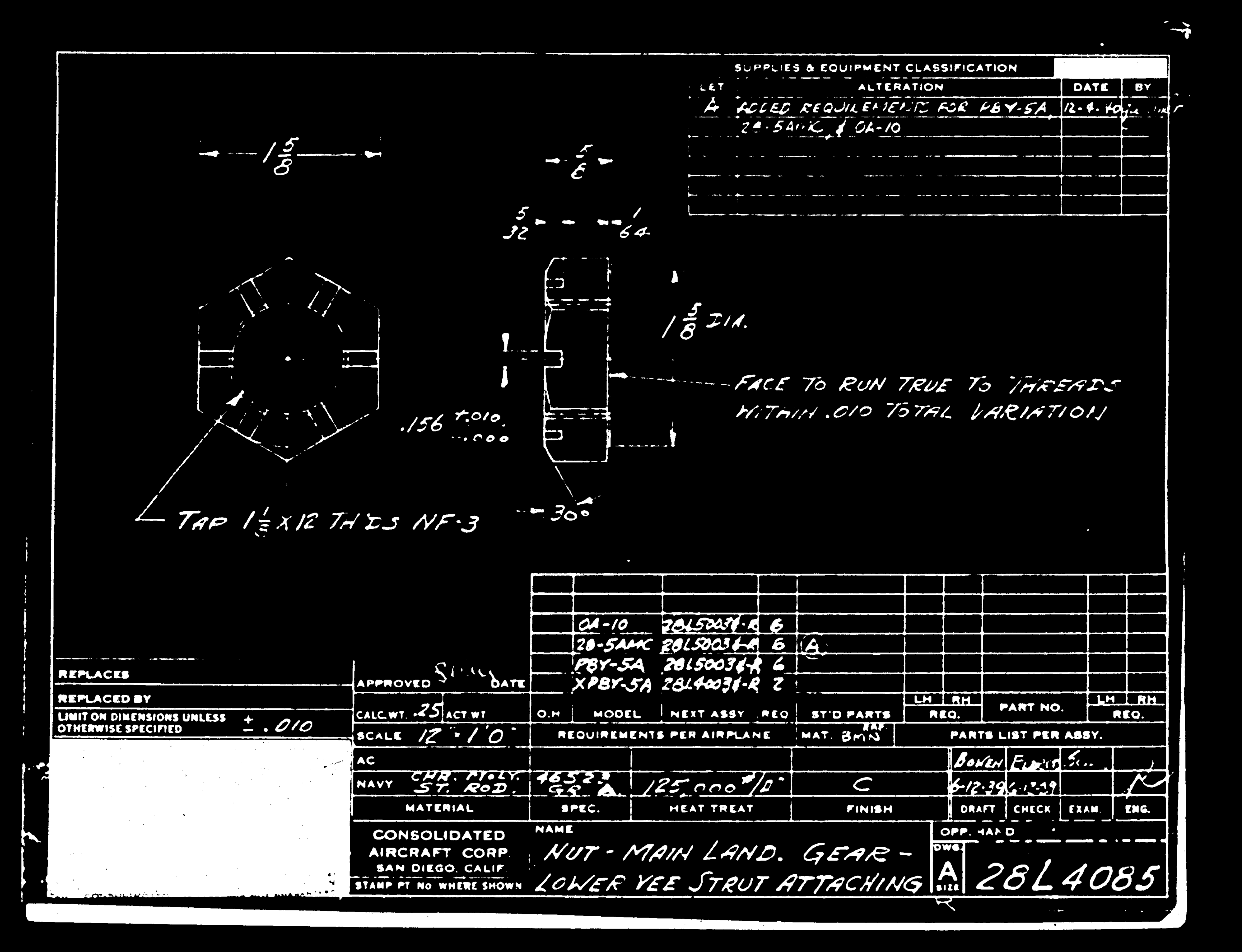
NAME: WASHER-NOSE LAND'G GEAR - LATCH ADJ.

OPP. HAND —

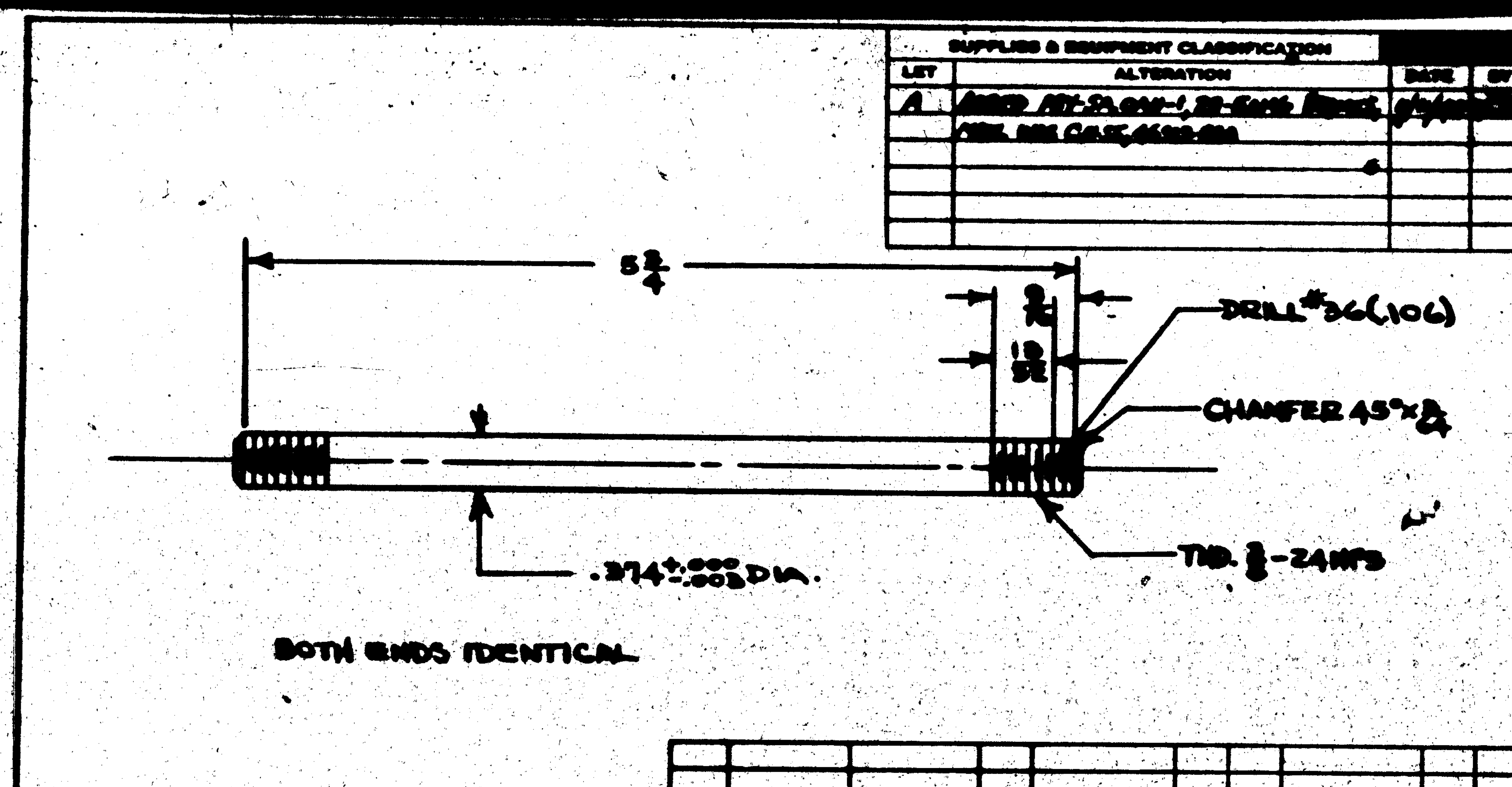
DWG. SIZE A — 28L4066



INCORPORATES BU. AERO CHG'S
PBY-1 CHG # 121
PBY-2 CHG # 80
PBY-3 CHG # 58
PBY-4 CHG # 19
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | CHANGED DWG. NO. FROM 28L4058 TO 28L4071 | 4/3/39 | COLLINS
B | ADDED TABLE INCOR -2 & -3 | 6-20-39
C | ADDED PBY FUTURE SPARE REQ.
D | NOTE ADDED
E | CORRECTED VIEW. NO WT. CHANGE | 12-8-41
3
1 5/8
DRILL #10 (193)
23/32
5/16 R.
22 1/2°
35°
13/32
1/8
1 1/16
SYM
C'SINK 82° x 3/8 DIA.
45°
45°
B
A
7/32 R
DASH NO | A | B
-2 | 1 1/16 | 3/8
-3 | 1 13/16 | 5/16
-2 | PBY-5B | 28L2001 | 2
-2 | PBY-5A | 28L2001 | 2
-2 | PBY-5 | 28L2001 | 2
-3 | PBY-1 | 28L0101-1
-2 | PBY-2
-2 | PBY-3
-2 | PBY-4
-2 | XPBY-5A
XPBY-5A | 28L2001
-2 | 28-5AMN | 28L2001 | 2
-2 | 28-5AMC | 28L2001 | 2
-2 | 28-5 MA MC, ME, MN | 28L2001 | 2 EA
FOR FUTURE SPARES
NOTE: FOR -3 ONLY THESE 2 HOLES TO BE DRILLED ON INSTALL.
REPLACES 28L2054
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 & 1/2°
APPROVED
DATE 5-28-39
CALC. WT.
ACT. WT.
D.N.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY PHEN. FIBRE
NONE
NONE
DAVIDSON
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
SKEG-FLOAT
OPP. HAND —
DWG. SIZE A
28L4071



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A ADDED REQUIREMENTS FOR PBY-5A, 28-5AMC & OA-10
1 5/8
5/8
5/32
1/64
1 5/8 DIA.
FACE TO RUN TRUE TO THREADS WITHIN .010 TOTAL VARIATION
.156 +.010 -.000
TAP 1 1/2 X 12 THDS NF-3
30°
OA-10 28L50036-R 6
28-5AMC 28L50036-R 6 (A)
PBY-5A 28L50036-R 6
XPBY-5A 28L40036-R 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
DATE
CALC. WT. .25
ACT. WT.
O.H.
MODEL
NEXT ASSY
REQ
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT. BMN
PARTS LIST PER ASSY.
AC
NAVY CHR. MOLY. ST. ROD.
4652 GR. A
125,000 #/□"
C
BOWEN
6-12-39
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT NO WHERE SHOWN
NAME
NUT - MAIN LAND. GEAR - LOWER VEE STRUT ATTACHING
OPP. HAND
DWG. SIZE A
28L4085



BOTH ENDS IDENTICAL

	[illegible]	[illegible]	1	
	[illegible]	[illegible]	1	
	[illegible]	[illegible]	1	
	[illegible]	[illegible]	1	
Q.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS

REQUIREMENTS FOR AIRPLANE — MAT. — PARTS LIST, PER ASSY.

LH | RH REQ. — PART NO. — LH | RH REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted]

[illegible] 9-11-39 APPROVED DATE

.18 CALC. WT. — ACT. WT.

SCALE [illegible]

AC

NAVY SPEC. ROD — M-206 — [illegible] — POLISH

MATERIAL — SPEC. — HEAT TREAT — FINISH

DRAFT — CHECK — EXAM. — ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

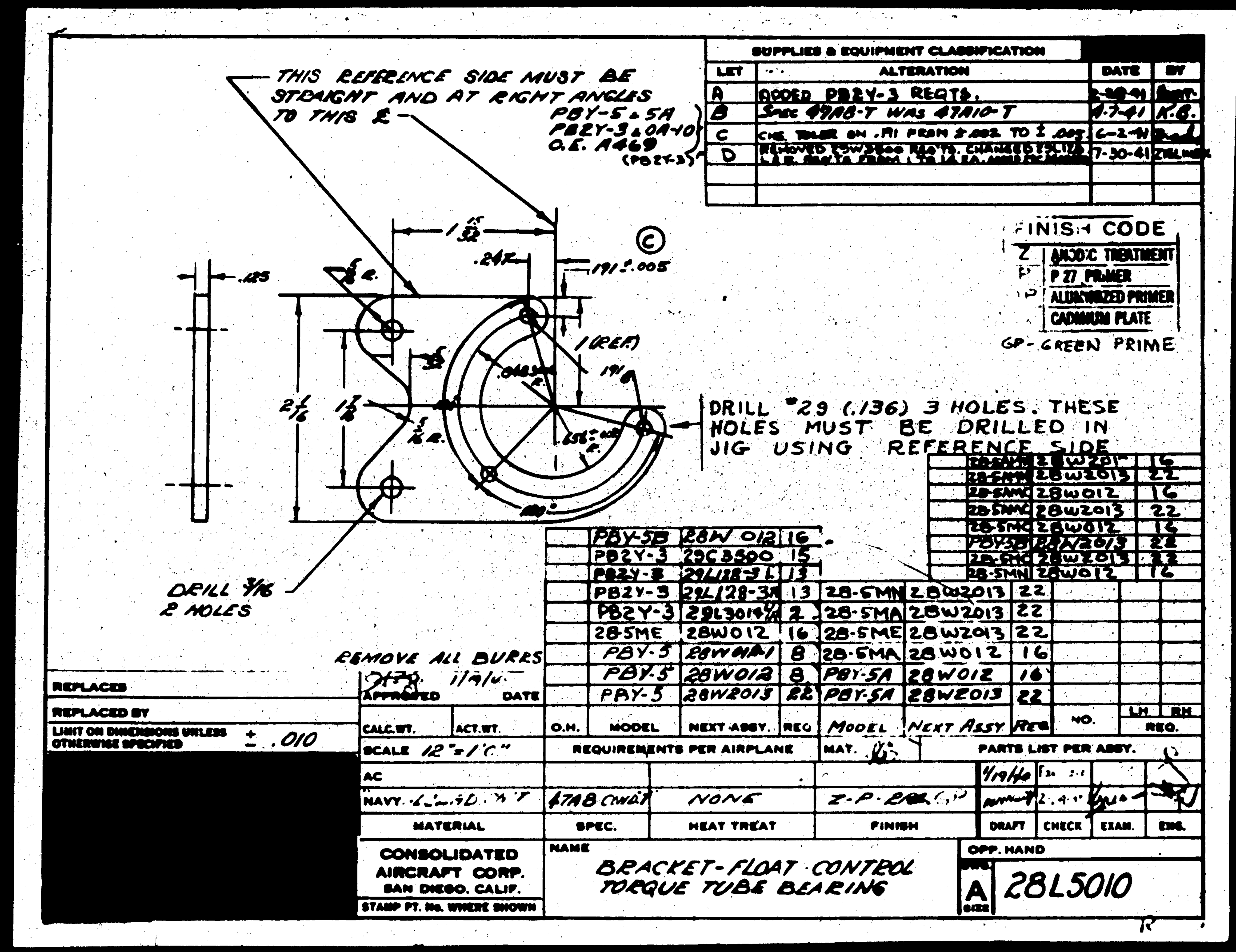
STAMP PT. No. WHERE SHOWN

NAME

PIN-NOSE LAND'G GEAR-SCISSORS

OPP. HAND —

A 2814093



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | ADDED PB2Y-3 REQTS. | 2-28-41
B | Spec 47A8-T WAS 47A10-T | 4-7-41 | K.G.
C | CHG. TOLER ON .191 FROM ±.002 TO ±.005 | 6-2-41
D | 7-30-41
THIS REFERENCE SIDE MUST BE STRAIGHT AND AT RIGHT ANGLES TO THIS ℄
PBY-5 & 5A
PB2Y-3 & OA-10
O.E. A469
(PB2Y-3)
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
ALUMINIZED PRIMER
CADMIUM PLATE
GP - GREEN PRIME
.125
1 15/32
.247
.191 ± .005
5/8 R.
1 (REF.)
2 1/16
1 7/8
5/16 R.
DRILL #29 (.136) 3 HOLES. THESE HOLES MUST BE DRILLED IN JIG USING REFERENCE SIDE
DRILL 3/16 2 HOLES
REMOVE ALL BURRS
28-5MN 28W2013 22
28-5MNC 28W012 16
28-5MC 28W2013 22
28-5MC 28W012 16
PBY-5B 28W2013 22
28-5MC 28W2013 22
28-5MN 28W012 16
PBY-5B 28W012 16
PB2Y-3 29C3500 15
PB2Y-3 29L128-3L 13
PB2Y-3 29L128-3R 13 | 28-5MN 28W2013 22
PB2Y-3 29L3014 2 | 28-5MA 28W2013 22
28-5ME 28W012 16 | 28-5ME 28W2013 22
PBY-5 8 | 28-5MA 28W012 16
PBY-5 28W012 8 | PBY-5A 28W012 16
PBY-5 28W2013 22 | PBY-5A 28W2013 22
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED DATE
CALC. WT. ACT. WT.
O.H. MODEL NEXT ASSY. REQ MODEL NEXT ASSY REQ NO. LH RH REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
47A8 COND. T
NONE
Z-P
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BRACKET - FLOAT CONTROL TORQUE TUBE BEARING
OPP. HAND
A SIZE
28L5010

E.O. 25756

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	DRILL 3/16 WAS REAM	10-31-40	Carlson

.188

5/16 R.

1 5/8

5/32

.191 ± .002

1

1 7/16

.848 R.

60°

2

5/16 R.

.656 R.

60°

5/32

JIG DRILL #29 (.136) 3 HOLES

DRILL 3/16" (A) 2 HOLES

REMOVE ALL BURRS

GP - GREEN PRIME

FINISH CODE	
Z	ANOD'C TREATMENT
P	P 27 PRIMER
A	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28L006	1						
	PBY-5B	28L1047	2						
	PBY-5A	28L006	1						
	PBY-5A	28L1047	2						
	PBY-5	28L006	1						
	PBY-5	28L1047	2						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED 9N-3 DATE 11-31-40

CALC. WT. | ACT. WT.

SCALE 12" = 1'0"

MAT. RL

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY AL ALLOY 3S½H	4280 COMB	NONE	Z P-2AL GP	4/19/40			

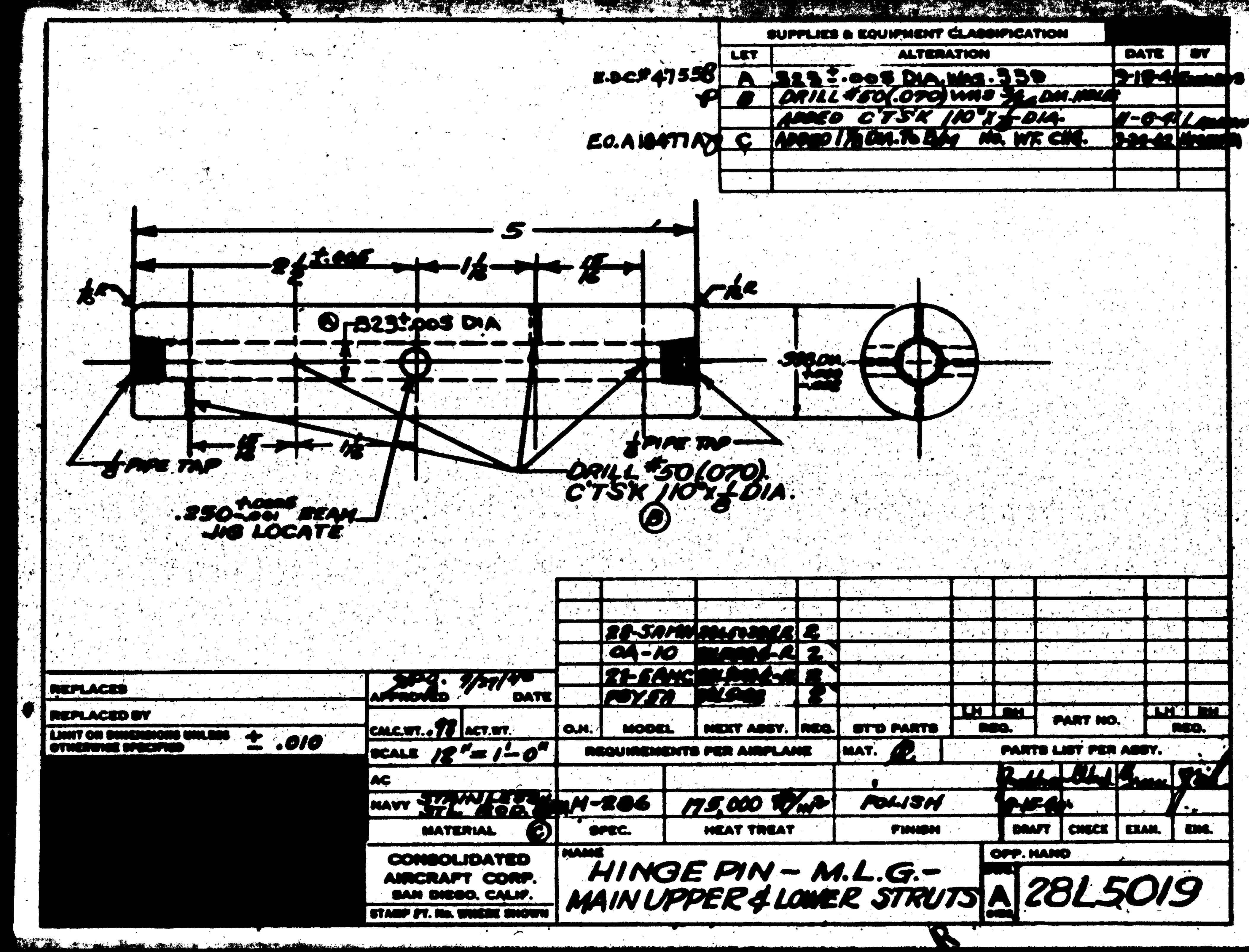
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

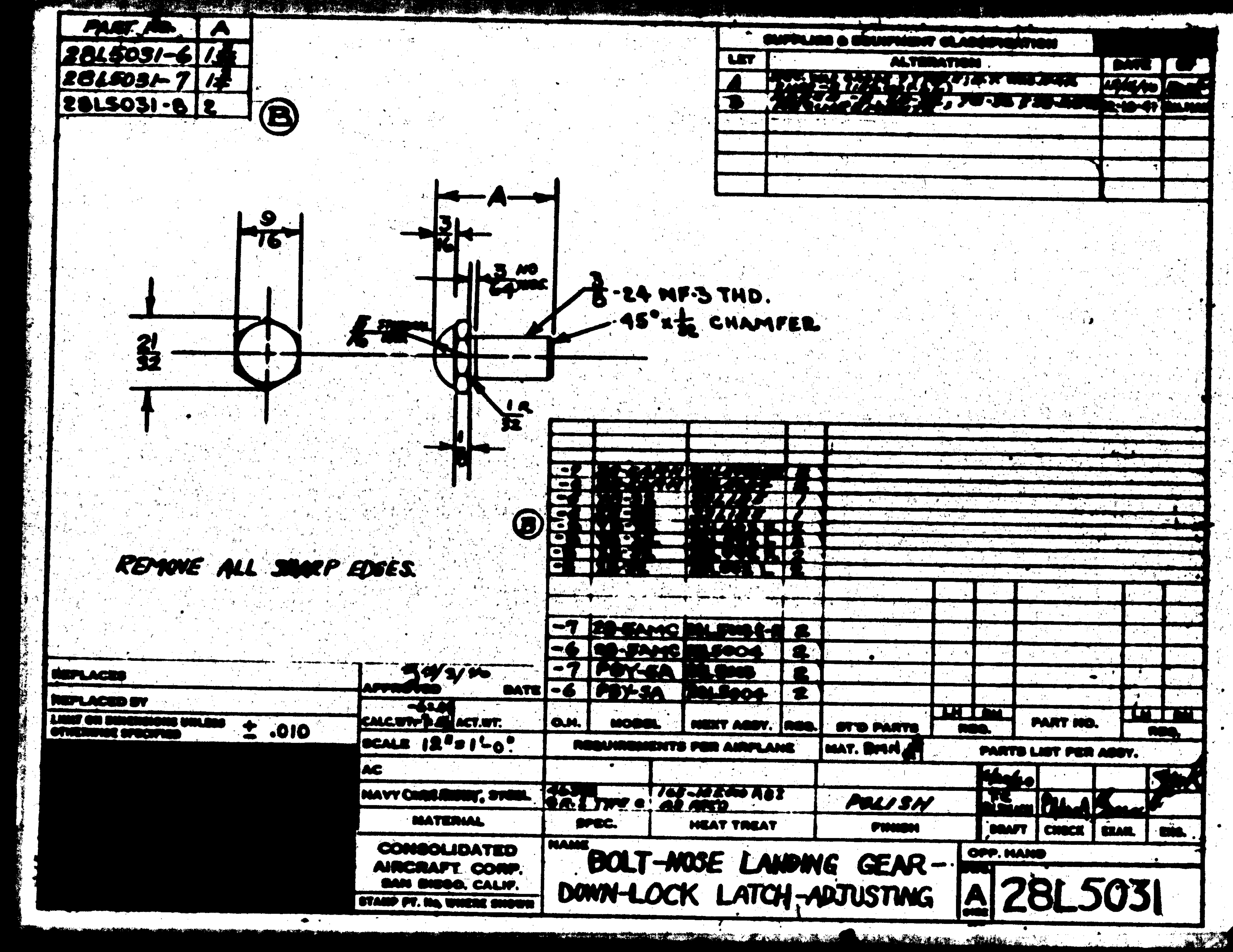
NAME: BRACKET-FLOAT-CONTROL TORQUE TUBE BEARING

OPP. HAND

DWG. A SIZE 28L5011



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
E.O.C# 47558
A
.323±.005 DIA. WAS .330
B
DRILL #50(.070) WAS 3/16 DIA. HOLE
ADDED C'TSK 110° X 1/8 DIA.
C
5
2 1/2 ±.005
1 1/2
15/16
1/16 R
.323±.005 DIA
1/8 PIPE TAP
DRILL #50(.070)
C'TSK 110° X 1/8 DIA.
.250 BEAM JIG LOCATE
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE
REQUIREMENTS PER AIRPLANE
AC
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
O.N.
MODEL
NEXT ASSY.
REQ.
STD PARTS
PART NO.
PARTS LIST PER ASSY.
MAT.
H-286
175,000
POLISH
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
HINGE PIN - M.L.G.-
MAIN UPPER & LOWER STRUTS
OPP. HAND
A
28L5019



PART NO. | A
28L5031-6
28L5031-7
28L5031-8 | 2
B
A
9/16
3/16
21/32
3/8-24 NF-3 THD.
45° x 1/32 CHAMFER
1R/32
REMOVE ALL SHARP EDGES.
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
-7 28-5AMC
-6 28-5AMC
-7 PBY-5A
-6 PBY-5A
DASH NO.
MODEL
NEXT ASSY.
REQ.
STD PARTS
PART NO.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE 12"=1'-0"
AC
MATERIAL
SPEC.
HEAT TREAT
FINISH
POLISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BOLT-NOSE LANDING GEAR-DOWN-LOCK LATCH-ADJUSTING
OPP. HAND
A
28L5031

DASH NO.	A	NEXT ASSY.
28L5037-6	17/32	28B5578
-7	25/32	28L5015, 28B5502
-8	3/4	28L5015, 28L5023 & -8, & 28B5578

EDC 37836

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	FINISH: CAD PLATE - OUTSIDE ONLY, WAS NONE NEG. WT. CHG.	33542	HW

D.H.	MODEL	NEXT ASSY.	REQ.
-8	PBY-5A	28B5578	2
-8	PBY-5A	28L5023	4
-8	PBY5A	28L5015	4
-8	28-5AMN	NOTED	10
-7	28-5AMN	"	12
-6	28-5AMN	"	2
-8	OA-10-1	"	10
-7	OA-10-1	"	12
-6	OA-10-1	"	2
-8	28-5AMC	"	10
-7	28-5AMC	"	12
-6	28-5AMC	"	2
-7	PBY5A	28B5502	8
-7	PBY5A	28L5015	4
-6	PBY5A	28B5578	2

REQUIREMENTS PER AIRPLANE

STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED: 8-20 [illegible] DATE

CALC. WT. | ACT. WT.

SCALE 1/2" = 1'-0"

MAT.

	MATERIAL	SPEC.	HEAT TREAT	(A) FINISH
AC				
NAVY	X4130 ... TUBE	...	... AS REC'D	CAD. PLATE - OUTSIDE ONLY

DRAFT	CHECK	EXAM.	ENG.
8-16-40			

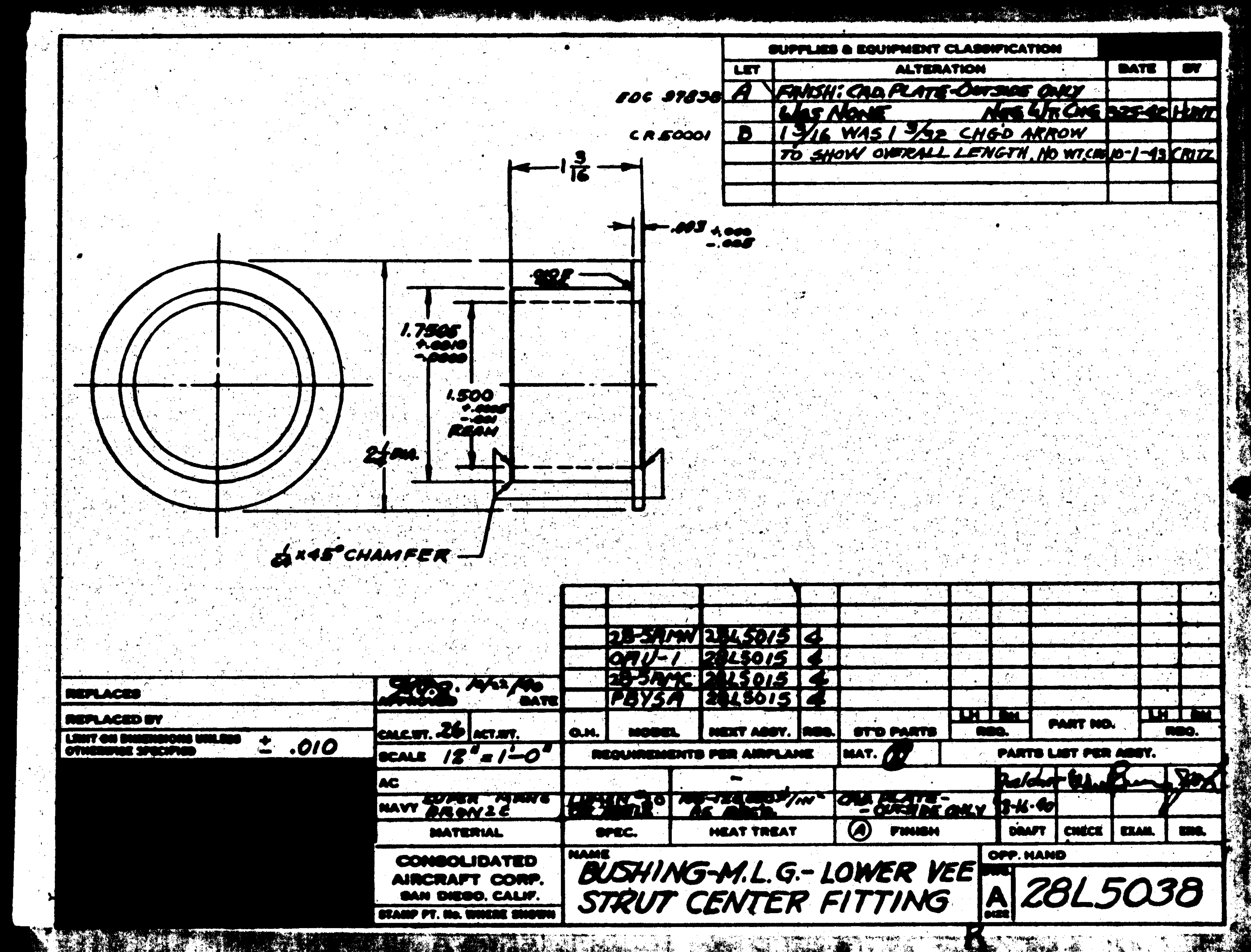
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME: BUSHING - M.L.G. - LOWER & UPPER VEE STRUT HULL FIGS

OPP. HAND

SIZE A | DWG. 28L5037



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
EOC 97838 | A | FINISH: CAD. PLATE-OUTSIDE ONLY WAS NONE | 3-25-42 | HUNT
CR 50001 | B | 1 3/16 WAS 1 9/32 CHG'D ARROW TO SHOW OVERALL LENGTH, NO WT.CHG | 10-1-43 | CRITZ
1 3/16
1.7505 +.0010 -.0000
1.500 REAM
2 1/4 DIA.
1/32 x 45° CHAMFER
28-5AMN 28L5015 4
OA10-1 28L5015 4
28-5AMC 28L5015 4
PBY5A 28L5015 4
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED DATE
CALC.WT. 26
ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
CAD PLATE - OUTSIDE ONLY
DRAFT
CHECK
EXAM.
ENG.
Q.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BUSHING-M.L.G.- LOWER VEE STRUT CENTER FITTING
OPP. HAND
A
28L5038

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

APPROVED

DATE

CALC WT

SCALE

AC

NAVY

MATERIAL

HEAT TREAT

FINISH

REQUIREMENTS PER AIRPLANE

MODEL

NEXT ASSY

REQ

STD PARTS

LH RH REQ

PART NO

LH RH REQ

PARTS LIST PER ASSY

DRAFT CHECK

ENG

CONSOLIDATED AIRCRAFT CORP
SAN DIEGO CALIF

STAMP PT NO WHERE SHOWN

NAME

OPP HAND

DWG A SIZE

DASH NO.	A
28L5040-6	1 1/32
28L5040-7	1 1/32

EDC 39838

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	FINISH: CAD. PLATE-OUTSIDE ONLY WAS NONE NEG. WT. CHG.	3-25-42	HUNT

A

.093 +.000 −.005

MAX. RAD.

1.0630

.875 REAM

1 1/2 DIA.

1/64 × 45° CHAMFER

D.H.	MODEL	NEXT ASSY.	REQ.
-7	28-5AMN	28L5023-6-R	4
-7	28-5AMN	28B5517	2
-6	28-5AMN	28B5517	2
-7	OAU-1	28L5023-6-R	4
-7	OAU-1	28B5517	2
-6	OAU-1	28B5517	2
-7	28-5AMC	28L5023-6-R	4
-7	28-5AMC	28B5517	2
-6	28-5AMC	28B5517	2
-7	PBY5A	28L5023	4
-7	PBY5A	28B5517	2
-6	PBY5A	28B5517	2

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

PARTS LIST PER ASSY.

REPLACED

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED 10/22/40 DATE

CALC. WT. .09 ACT. WT.

SCALE 18" = 1'-0"

MAT. (A)

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC				
NAVY	SUPERIOR HARD BRONZE	LUMEN #9 OR EQUIV.	AS REQD.	CAD. PLATE -OUTSIDE ONLY

DRAFT 9-16-40 | CHECK | EXAM. | ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

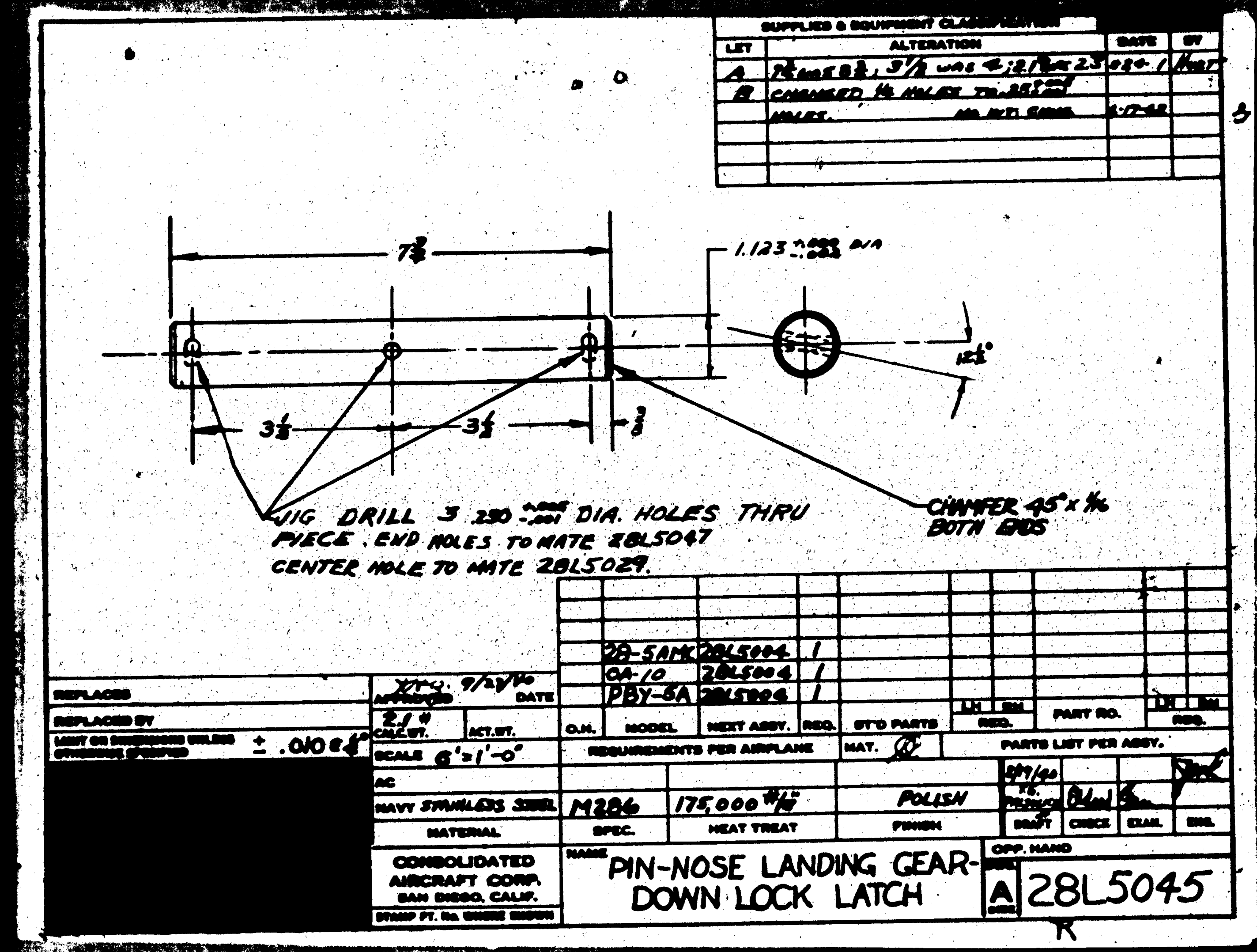
STAMP PT. No. WHERE SHOWN

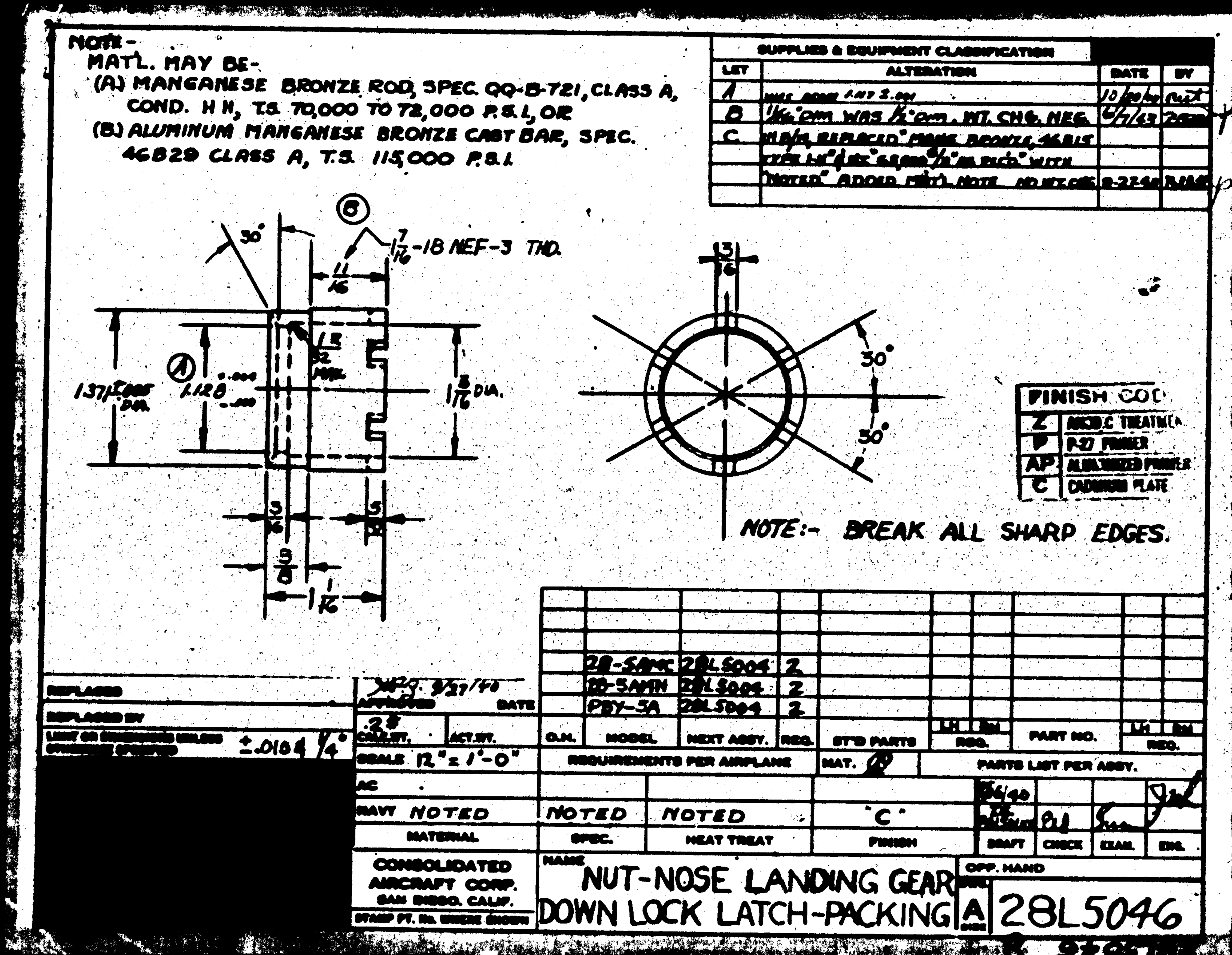
NAME: BUSHING - M.L.G. - UPPER VEE STRUT REAR FTG.

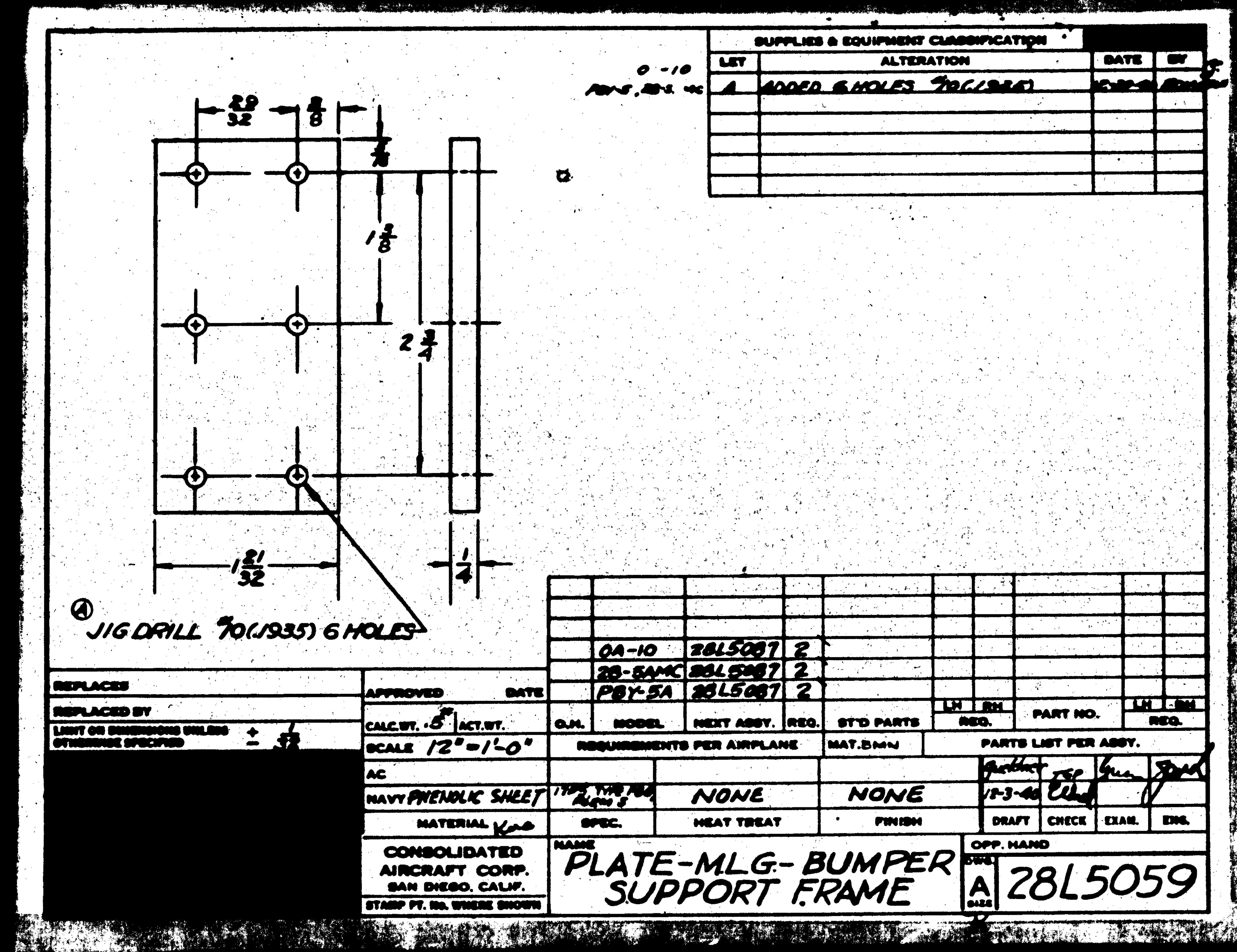
OPP. HAND

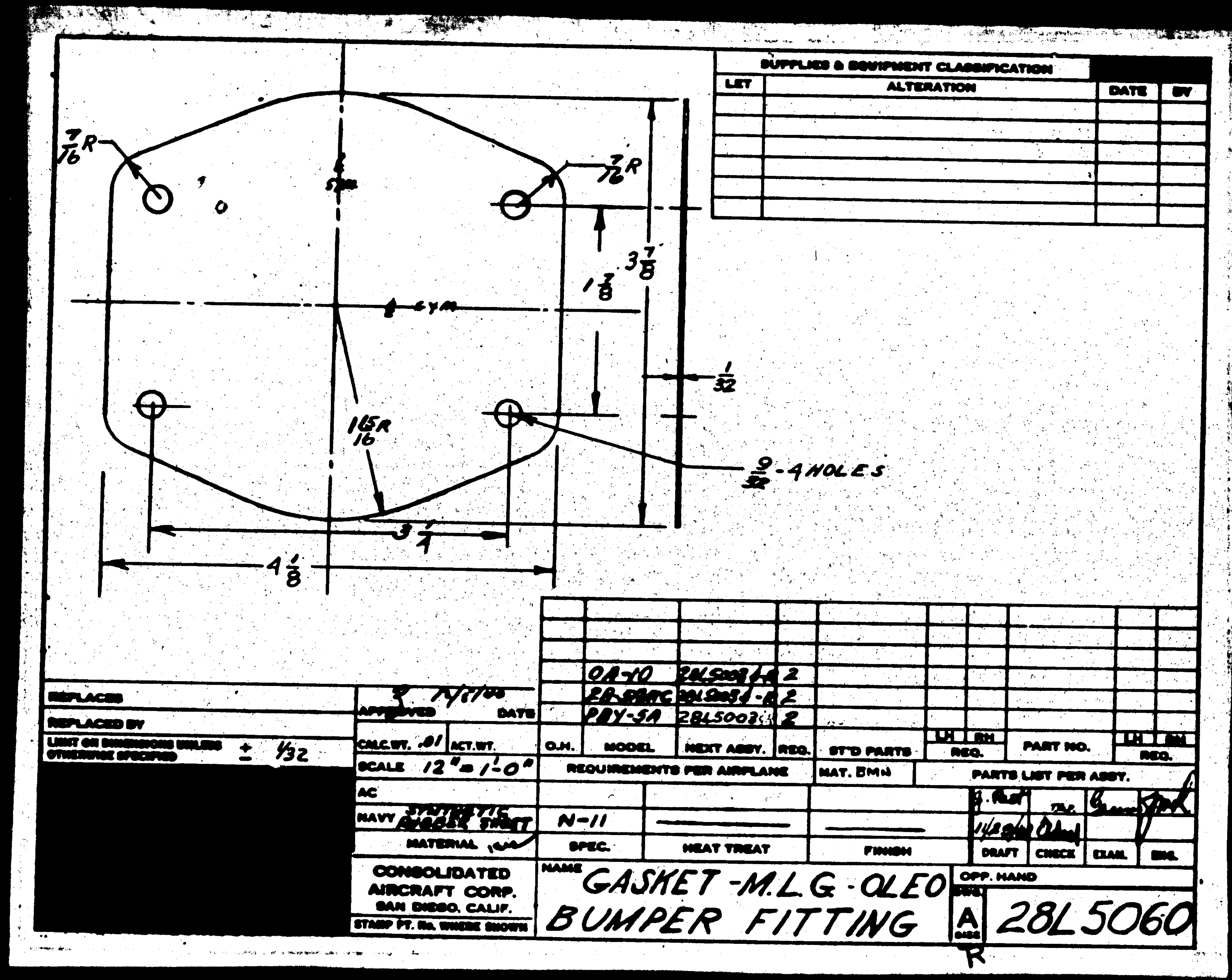
SIZE A 28L5040

R


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
CHANGED 1/4 HOLES
7 3/8
1.123 DIA
3 1/2
3 1/2
3/8
JIG DRILL 3 .250 DIA. HOLES THRU
PIECE. END HOLES TO MATE 28L5047
CENTER HOLE TO MATE 28L5029.
CHAMFER 45° x 1/16
BOTH ENDS
28-5AM
28L5004
1
OA-10
28L5004
1
PBY-5A
28L5004
1
REPLACES
REPLACED BY
APPROVED
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
REQ.
PART NO.
REQ.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010
SCALE 6"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY STAINLESS STEEL
M286
175,000
POLISH
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
NAME
PIN-NOSE LANDING GEAR-
DOWN LOCK LATCH
OPP. HAND
A
28L5045


NOTE -
MAT'L. MAY BE -
(A) MANGANESE BRONZE ROD, SPEC. QQ-B-721, CLASS A, COND. H H, T.S. 70,000 TO 72,000 P.S.I., OR
(B) ALUMINUM MANGANESE BRONZE CAST BAR, SPEC. 46B29 CLASS A, T.S. 115,000 P.S.I.
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
B
C
30°
1 7/16 -18 NEF-3 THD.
11/16
3/16
1.371 DIA.
1.128
15/32 MIN.
1 3/16 DIA.
3/16
5/32
3/8
1 1/16
30°
30°
FINISH COD
Z
P
P-27 PRIMER
AP
C
NOTE:- BREAK ALL SHARP EDGES.
28-5AMC
28L5004
2
28-5AMN
28L5004
2
PBY-5A
28L5004
2
REPLACES
REPLACED BY
APPROVED
DATE
CALWT.
ACT.WT.
D.N.
MODEL
NEXT ASSY.
REQ.
STD PARTS
REQ.
PART NO.
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NOTED
"C"
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
NAME
NUT-NOSE LANDING GEAR
DOWN LOCK LATCH-PACKING
OPP. HAND
A
28L5046

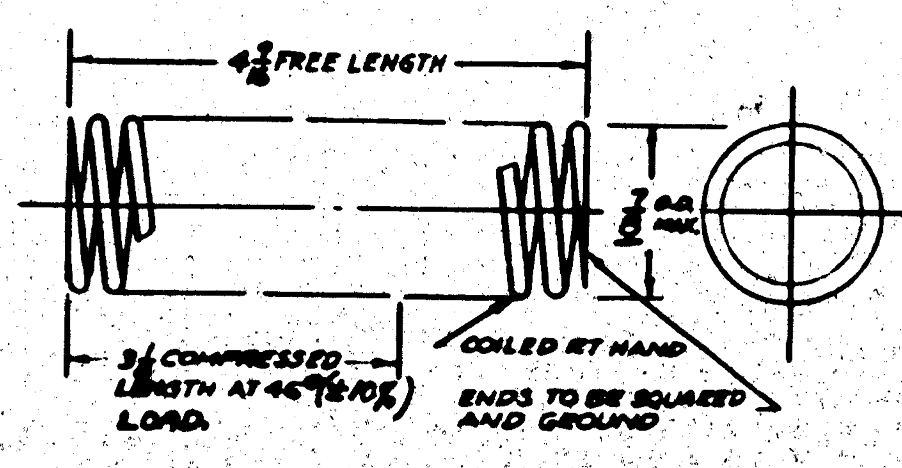

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ADDED 6 HOLES #70 (.1935)
O-10
29/32
3/8
1 3/8
2 3/4
1 21/32
1/4
A JIG DRILL #70 (.1935) 6 HOLES
OA-10
28L5081
2
28-5AMC
28L5081
2
PBY-5A
28L5081
2
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT. DWN
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
CALC. WT. .5
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY PHENOLIC SHEET
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
12-3-40
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
PLATE-MLG.-BUMPER SUPPORT FRAME
OPP. HAND
DWG.
A
SIZE
28L5059



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
7/16 R
7/16 R
℄ SYM
℄ SYM
1 7/8
3 7/8
1/32
1 5/16 R
9/32 - 4 HOLES
3 1/4
4 1/8
OA-10
28L5003-A 2
28-5AMC
28L5003-A 2
PBY-5A
28L5003 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT. .01
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY SYNTHETIC RUBBER SHEET
MATERIAL
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT. BMN
PARTS LIST PER ASSY.
N-11
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME GASKET - M.L.G. - OLEO BUMPER FITTING
OPP. HAND
A
SIZE
28L5060
R

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY



STRESS AT COMP. LENGTH NOT TO EXCEED 80,000 #/□"

FINISH CODE

Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-5AMC	28L5028	2						
	OAU-1	28L5028	2						
	P5Y5A	28L5028	2						

REQUIREMENTS PER AIRPLANE — MAT. Ø — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± COMM. TOLER.

APPROVED [signature] DATE 9/23/44

CALC.WT. 2 — ACT.WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY MUSIC WIRE	22W11	NONE	C & BAKE	[signature] 9-3-44	[signature]	[signature]	[signature]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

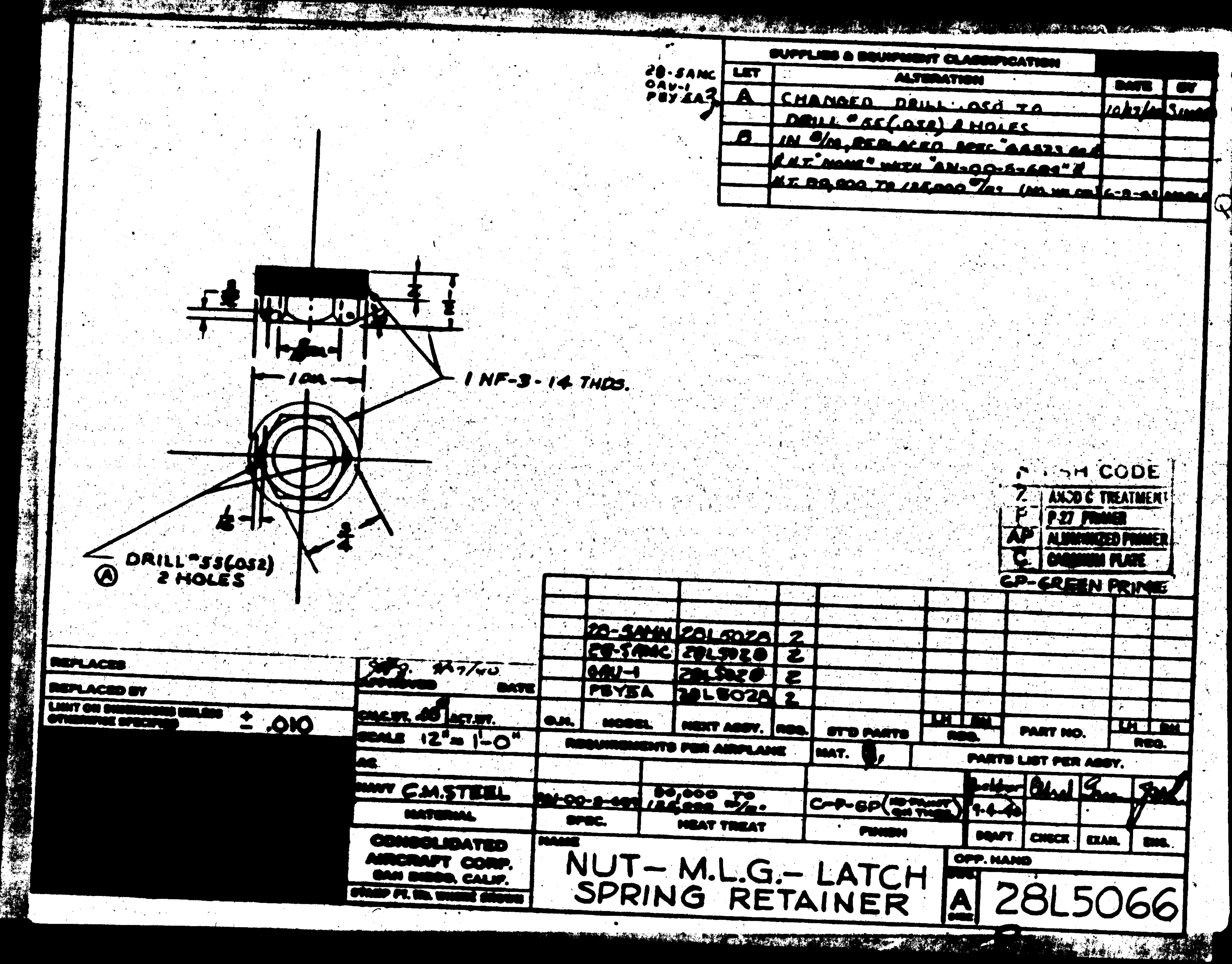
STAMP PT. No. WHERE SHOWN

NAME
SPRING-M.L.G.-MAIN STRUT LOCKING LATCH

OPP. HAND

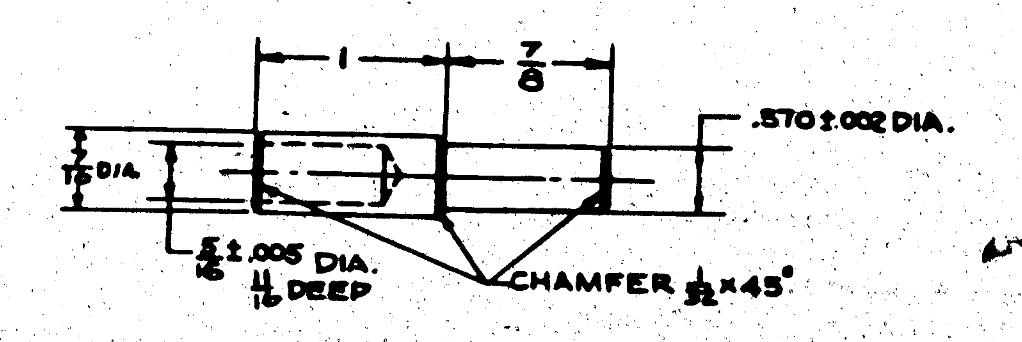
SIZE A — 28L5064

R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A CHANGED DRILL .050 TO DRILL #55(.052) 2 HOLES
B
28-SANC
OAV-1
PBY-5A
1 NF-3 - 14 THDS.
1 DIA.
DRILL #55(.052) 2 HOLES
Ⓐ
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
GP-GREEN PRIME
28-SAMN 28L5028 2
28-SANC 28L5028 2
OAV-1 28L5028 2
PBY5A 28L5028 2
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS
MAT.
REQ.
PART NO.
REQ.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
DATE
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC.
C.M. STEEL
MATERIAL
SPEC.
HEAT TREAT
FINISH
C-P-GP
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
NAME
NUT- M.L.G.- LATCH SPRING RETAINER
OPP. HAND
A
28L5066

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	IN B/M REPLACED SPEC. "46525" WITH "AN-QQ-S-684" & H.T. "NONE" WITH "90,000 TO 125,000 #/□"." NO WT CHG	6-9-43	[illegible]



	28-5AMN	28L5069	2						
	OAU-1	28L5069	2						
	28-5AMC	28L5069	2						
	PBY-5A	28L5069	2						
O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE — MAT. Ø — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED [illegible] DATE 10/3/40

CALC. WT. .05 ACT. WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY C.M. STL. ROD	AN-QQ-S-684	90,000 TO 125,000 #/□"	NONE

DRAFT	CHECK	EXAM.	ENG.
[illegible] 9-25-40	[illegible]	[illegible]	[illegible]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

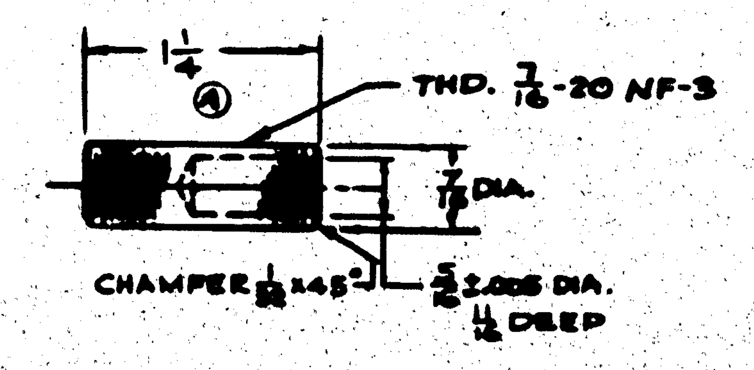
STAMP PT. No. WHERE SHOWN

NAME: PIN-M.L.G.-LATCH RELEASE ROD-CONNECTING

OPP. HAND

SIZE A — No. 28L5070

R



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	RMVD. 1 3/4 DIM. & EXTENDED THRDS. ENTIRE LENGTH.	[illegible]	[illegible]
B	IN B.M., REPLACED SPEC. "46823 G.R.A" WITH "AN-QQ-S-684" IN H.T. BLOCK, REPLACED "NONE" WITH "90,000 TO 125,000#/□" NO WT. CHG.	6-9-43	[illegible]

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5AMN	28L5069	2
	28-5AMN	28L5115	2
	28-5AMC	28L5115	2
	PBY-5A	28L5115	2
	OAU-1	28L5069	2
	28-5AMC	28L5069	2
	PBY-5A	28L5069	2

REQUIREMENTS PER AIRPLANE

STD PARTS | LH REQ. RH | PART NO. | LH REQ. RH — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED — DATE 11/2/40

CALC. WT. .03 — ACT. WT.

SCALE — MAT. ₵

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY C.M. STL. ROD	AN-QQ-S-684	90,000 TO 125,000#/□"	NONE	8-25-40			

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

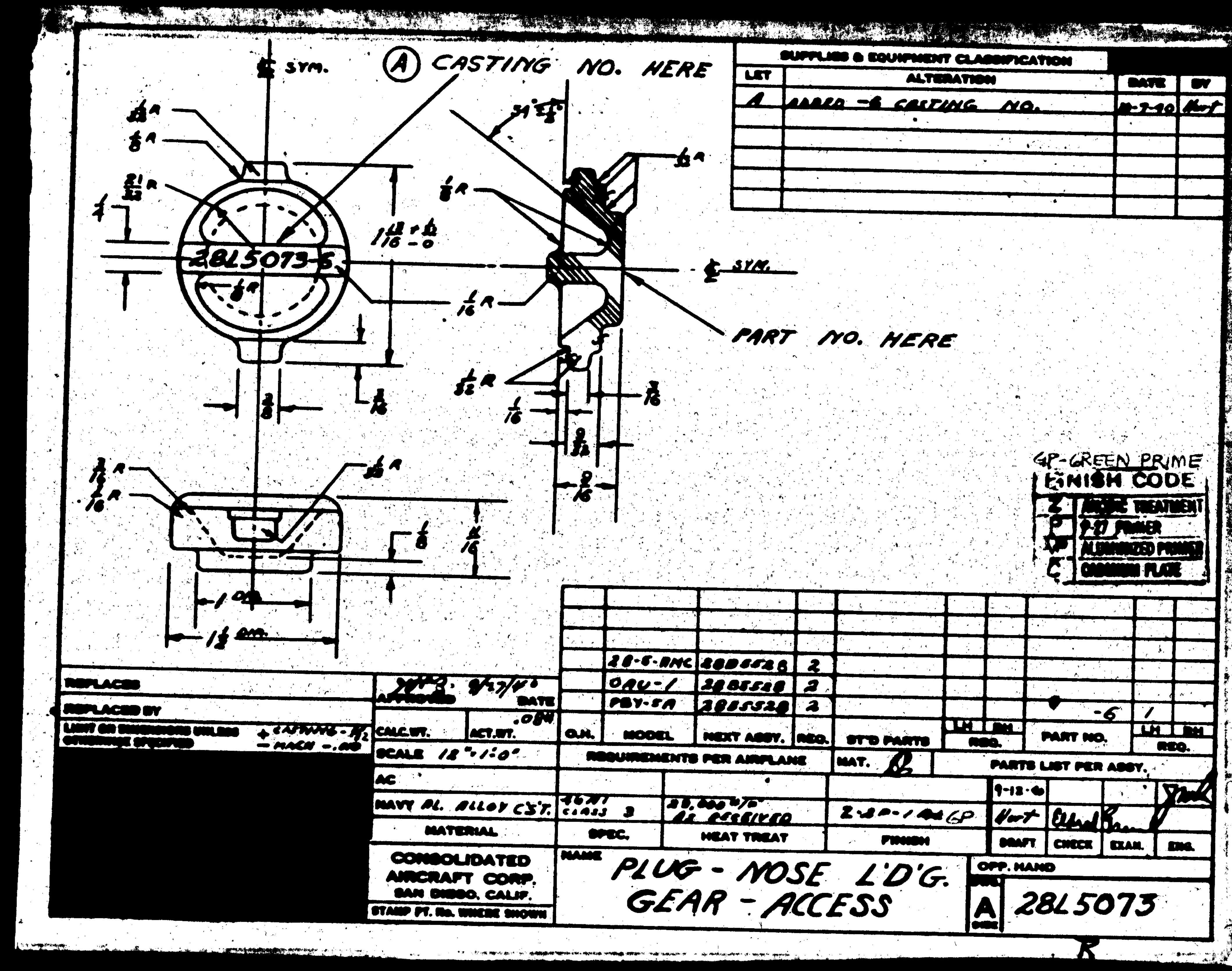
STAMP PT. No. WHERE SHOWN

NAME: SCREW - M.L.G. - LATCH RELEASE ROD - ADJUSTING

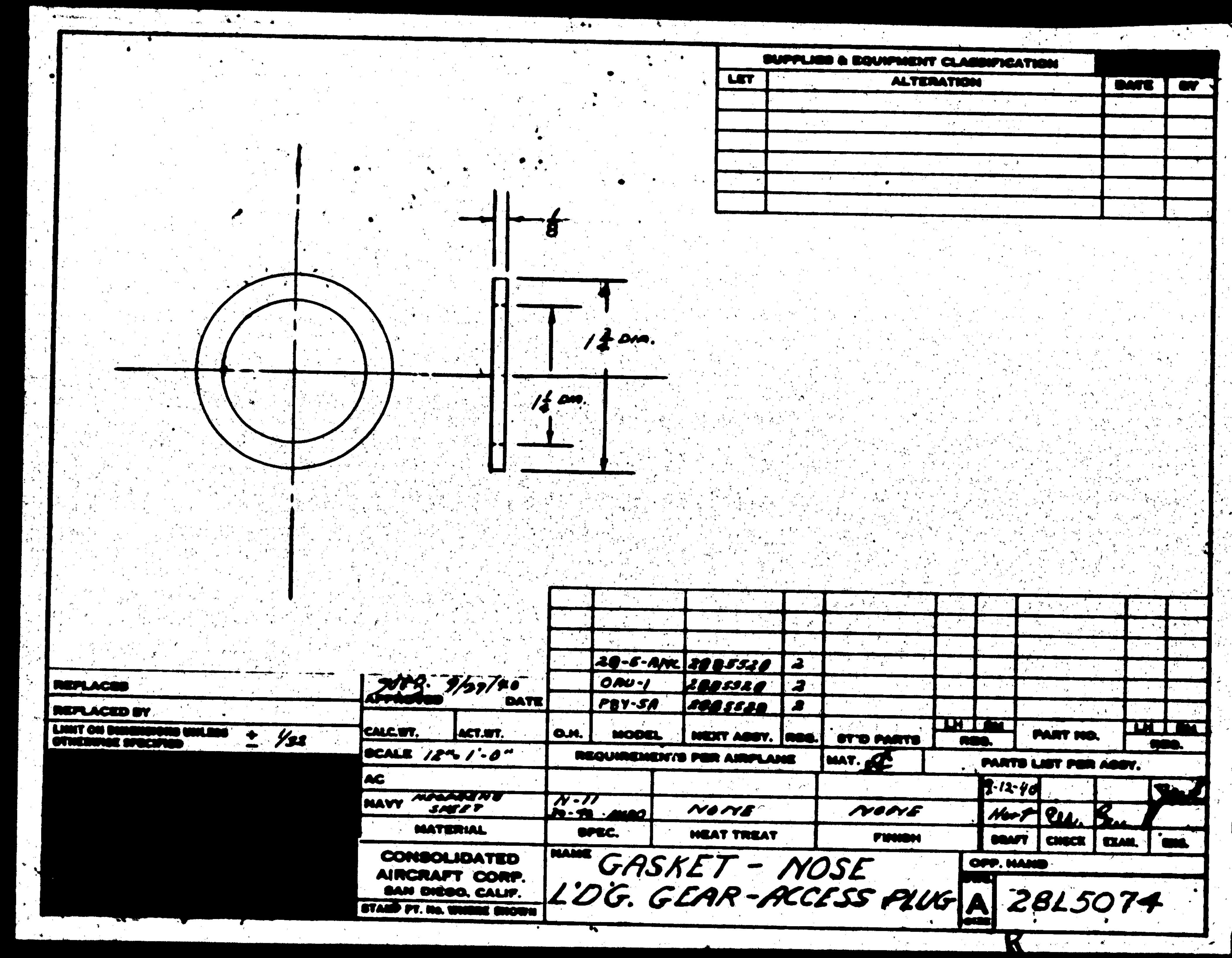
OPP. HAND

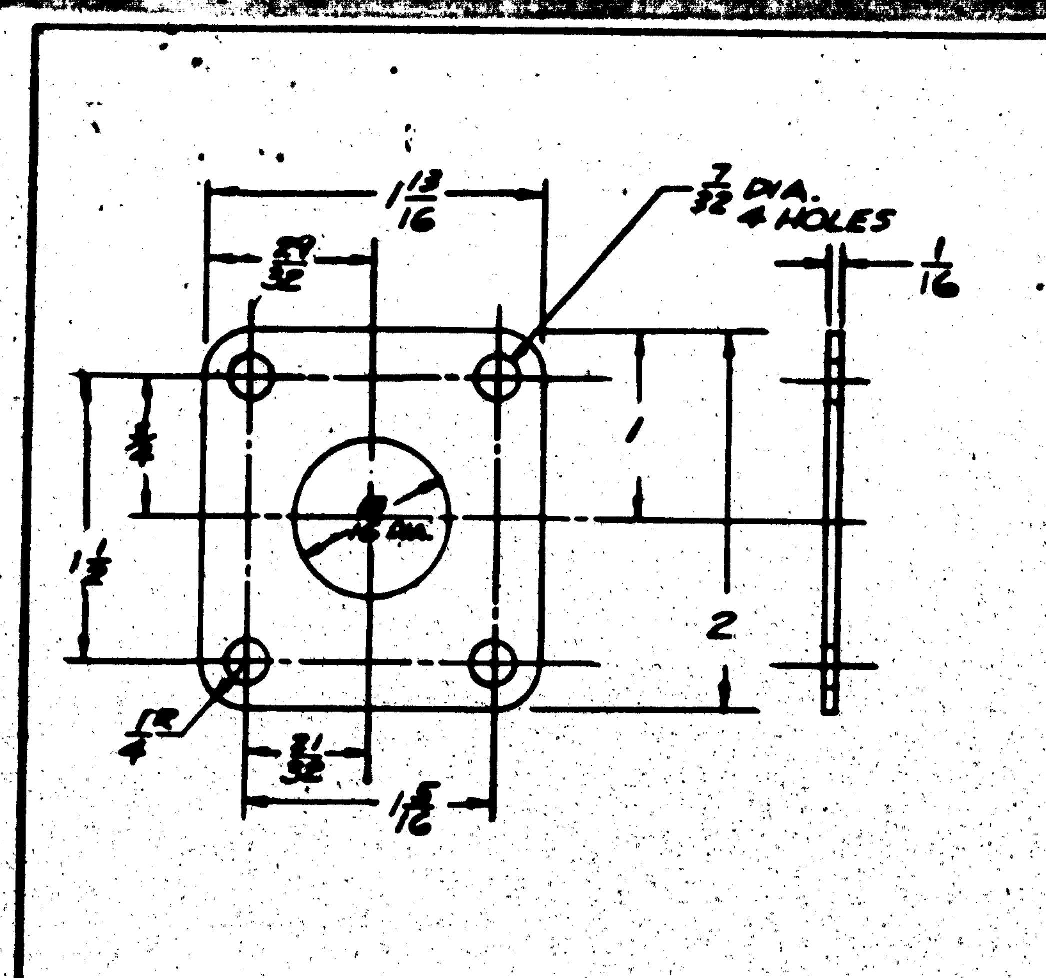
SIZE A — 28L5071

1105782.R



℄ SYM.
(A) CASTING NO. HERE
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ADDED -6 CASTING NO.
11-7-40
Hart
28L5073-6
℄ SYM.
PART NO. HERE
GP-GREEN PRIME
FINISH CODE
Z ANODIC TREATMENT
P 9-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
1 DIA.
1 1/2 DIA.
28-5-AMC 28B5528 2
OAU-1 28B5528 2
PBY-5A 28B5528 2
-6 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
+ CASTING - 1/32
- MACH - .010
APPROVED
DATE
CALC. WT.
ACT. WT.
.084
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY AL. ALLOY C'ST.
46A1 CLASS 3
25,000 #/□" AS RECEIVED
Z-2P-1 AP GP
9-12-40
Hart
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
PLUG - NOSE L'D'G. GEAR - ACCESS
OPP. HAND
A
28L5073


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1 1/2 DIA.
1 1/8 DIA.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
28-5-AM
ORU-1
PBY-5A
2
2
2
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
SHEET
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
GASKET - NOSE
L'D'G. GEAR-ACCESS PLUG
OPP. HAND
A
SIZE
28L5074



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ.	PART NO.	REQ.
	OA-10	28L5112	2				
	28-5AMC	28L5112	2				
	PBY-5A	28L5112	2				

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED — DATE

CALC. WT. .01 — ACT. WT.

SCALE 12"=1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY SYNTHETIC RUBBER SHEET	N-11	NONE	NONE

DRAFT: 11-22-40 — CHECK: EGR — EXAM. — ENG.

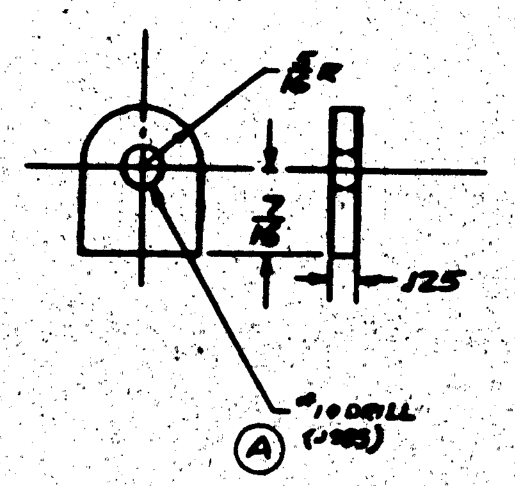
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME: GASKET-M.L.G.-EMERG. RELEASE HANDLE SLIDE

OPP. HAND

SIZE A — DWG. 28L5077



USE UP TO HULL 503

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	#10 DRILL WAS 3/32 DRILL		

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	28-5AMC		2						
	PBY-5A	28L5026	4						
	28-5AMC		2						
	PBY-5A		2						

REQUIREMENTS PER AIRPLANE

MAT.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED DATE 10/31/40

CALC.WT. .012 ACT.WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY C.R. STEEL	47S14	NONE	NONE	10-17-40	ELDER		

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

NAME

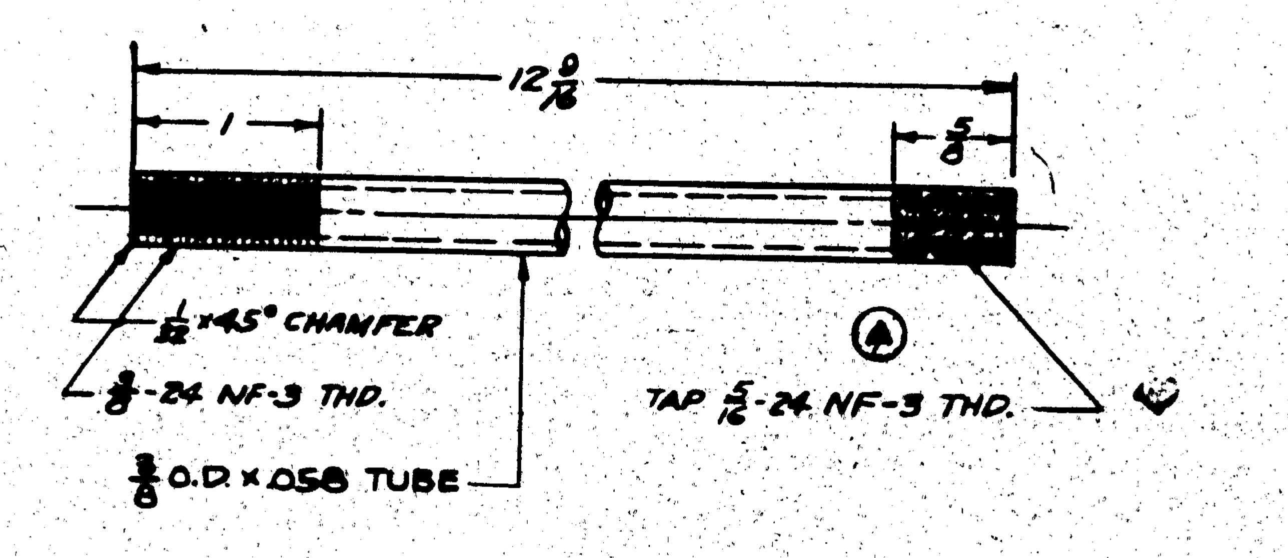
LUG - MAIN LANDING GEAR - BONDING

OPP. HAND

SIZE A

28L5079

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	REMOVE 1/32 x 45° CHAMFER FROM ONE END.	3/8/42	



FINISH CODE	
Z	ANOD'C TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	OAU-1	28L5085	2						
	28-5AMC	28L5085	2						
	PBY-5A	28L5085	2						

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED — DATE

CALC. WT. .20 — ACT. WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY C.M. STL. TUBE	44T18	NONE	C + P

DRAFT	CHECK	EXAM.	ENG.
10-11-40		10-24-40	

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

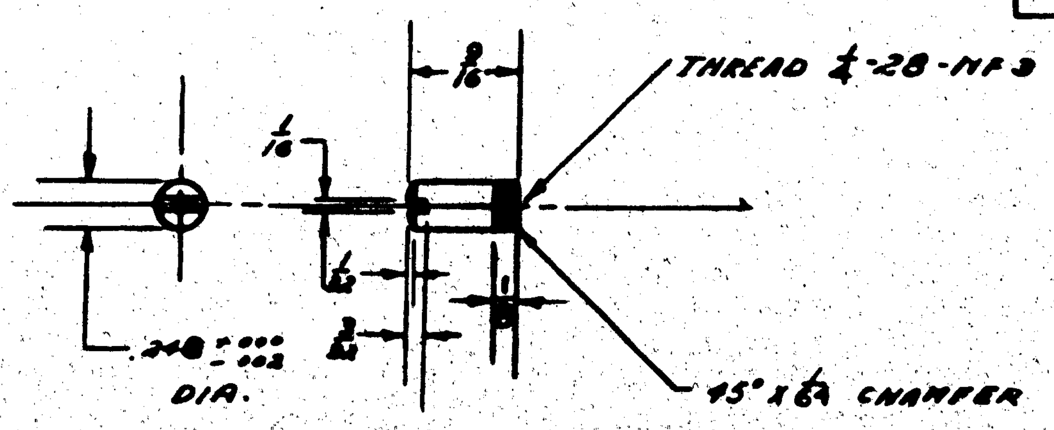
NAME: ROD-M.L.G.-BUMPER

OPP. HAND

SIZE: A

28L5084

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	IN B/M, REPLACED "STAINLESS STEEL, 46S18 GR.IC" WITH "NOTED" REMOVED "105,000 TO 125,000 AS RECEIVED" FROM MT'L BLK. ADDED MAT'L NOTE. NO VX CH	9-17-[illegible]	[illegible]



NOTE-
MAT'L. MAY BE-
(A) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. B, OR
(B) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	28-5AMN	28L5096	2						
	PBY-5A	28L5096	2						
	28-5-ANC	28L5096	2						
	OA-10-1	28L5096	2						
	XPBY-5A	28L5096	2						

REQUIREMENTS PER AIRPLANE — MAT. (R) — PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010
APPROVED	DATE
CALC. WT.	ACT. WT. .01 #
SCALE	12" = 1'-0"

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC				
NAVY	NOTED	NOTED	——	NONE

DRAFT	CHECK	EXAM.	ENG.
10-4-[illegible]	[illegible]		JWL

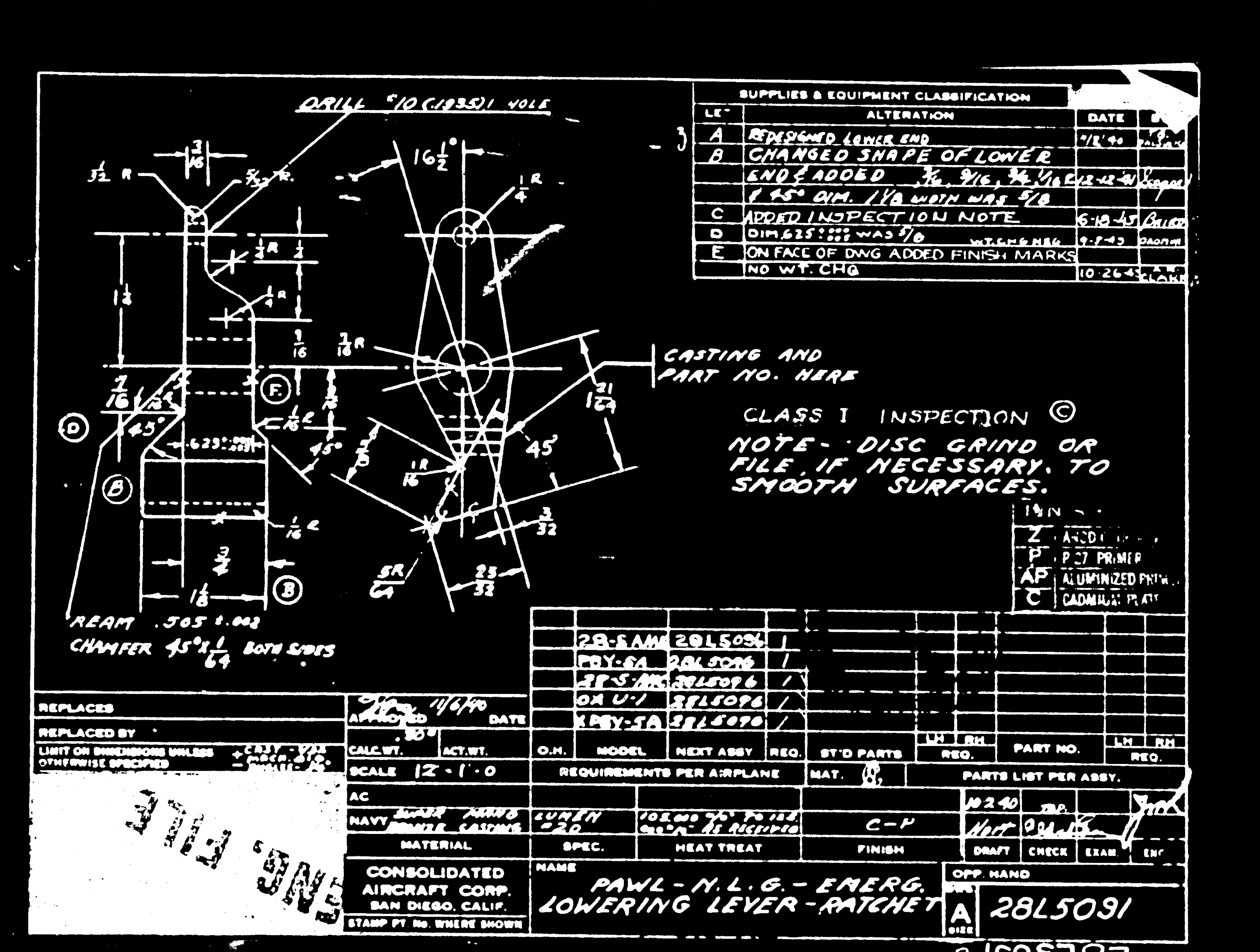
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME: PIN - N.L.G. - EMERG - LOWERING LEVER - HINGE

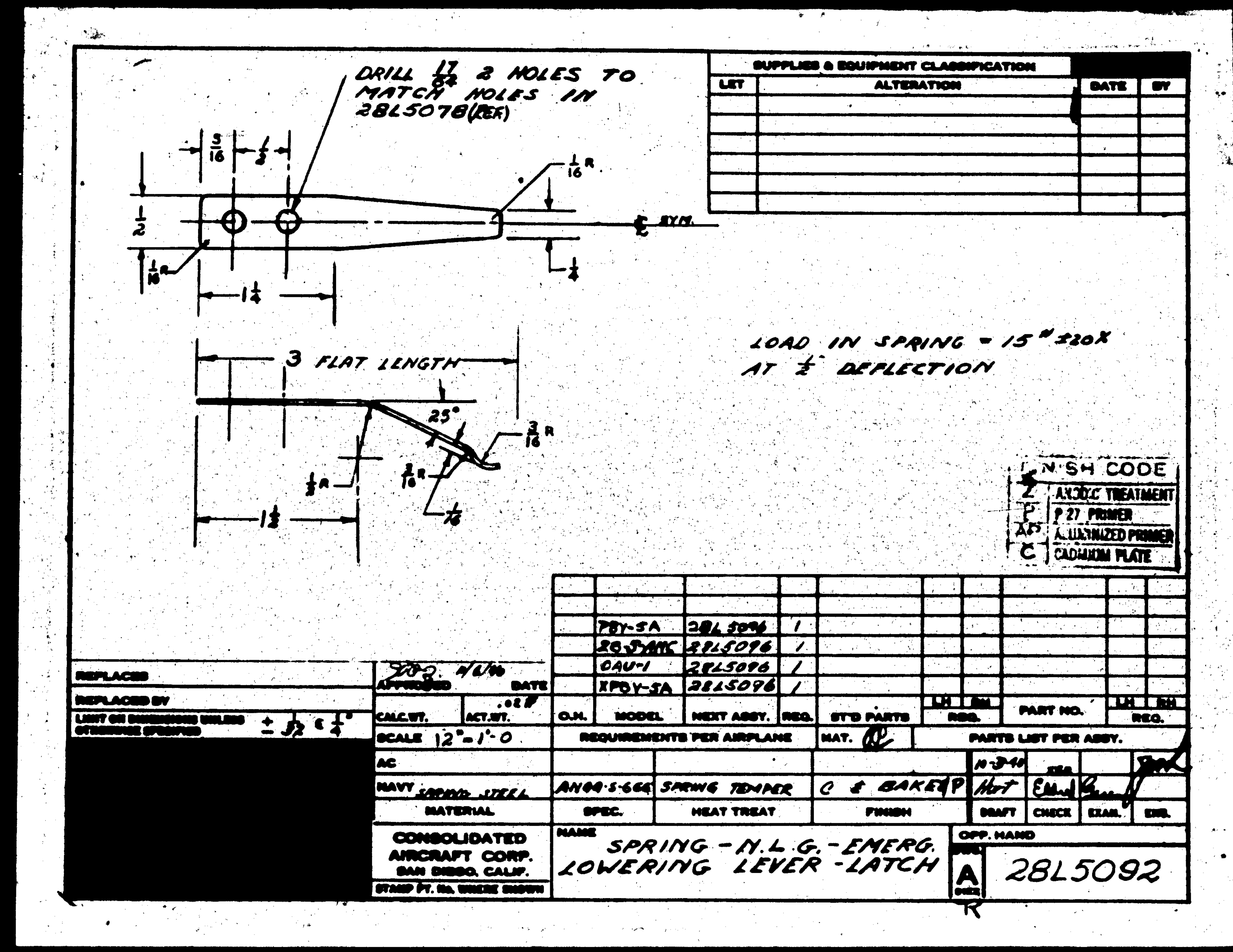
OPP. HAND

SIZE A — 28L5090

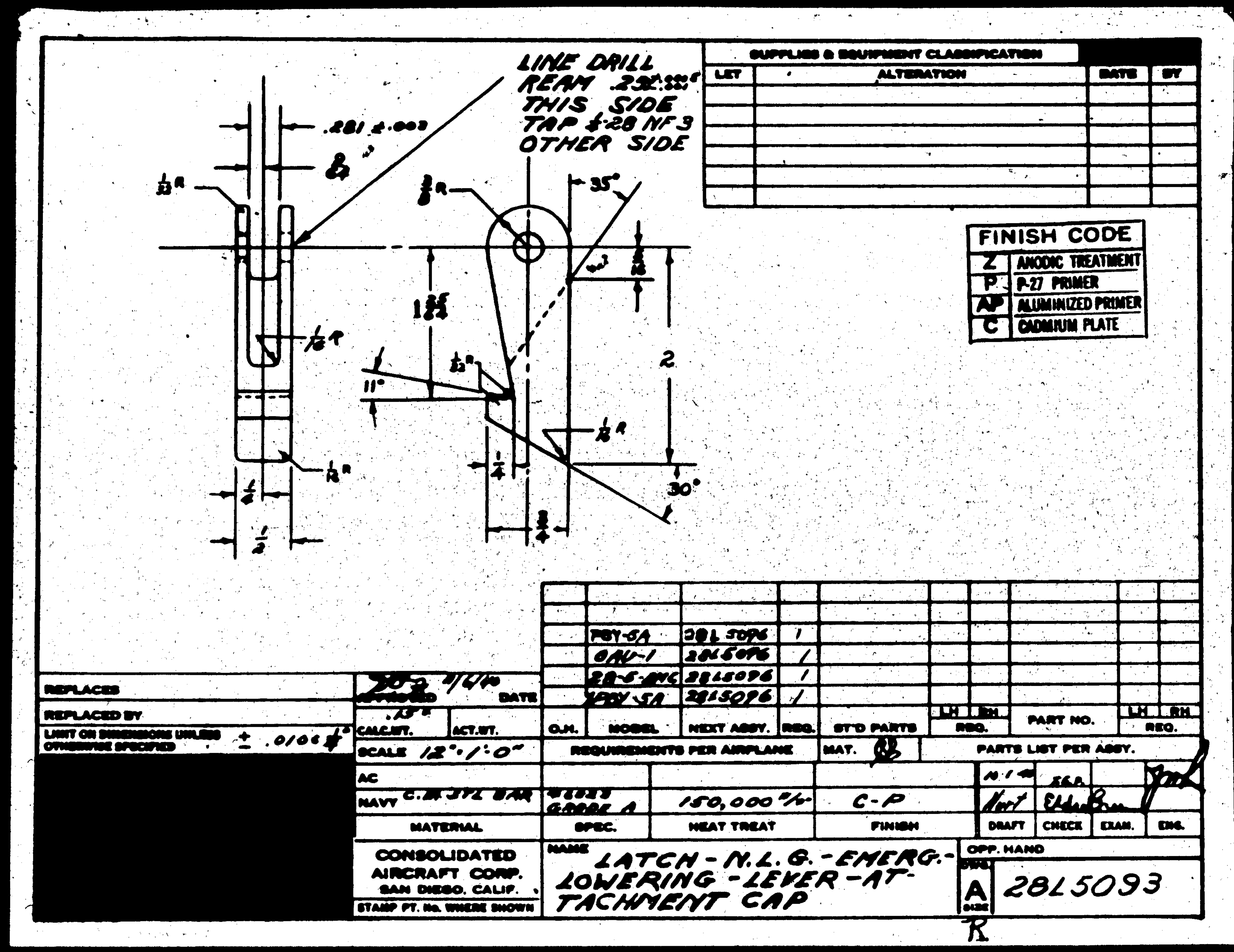
R 0605782



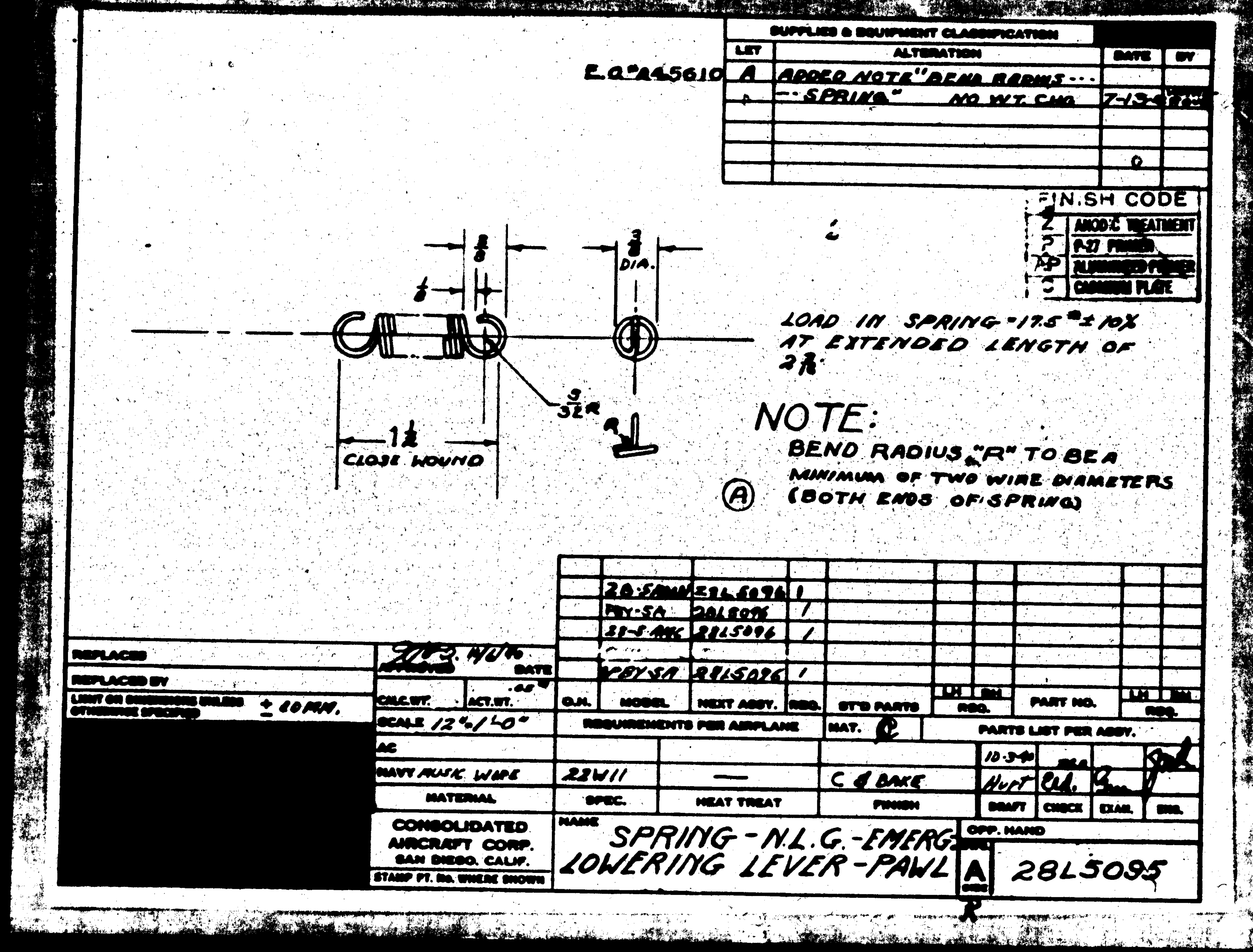
DRILL #10 (.1935) 1 HOLE
SUPPLIES & EQUIPMENT CLASSIFICATION
ALTERATION
DATE
A REDESIGNED LOWER END 4/12/40
B CHANGED SHAPE OF LOWER END & ADDED 3/16, 9/16, 3/4, 1/16 & 45° DIM. 1 1/8 WIDTH WAS 5/8 12-12-41
C ADDED INSPECTION NOTE 6-18-45
D DIM .625 WAS 5/8 WT CHG NEG 9-8-45
E ON FACE OF DWG ADDED FINISH MARKS NO WT. CHG 10-26-45
CASTING AND PART NO. HERE
CLASS I INSPECTION ©
NOTE - DISC GRIND OR FILE, IF NECESSARY, TO SMOOTH SURFACES.
Z ANODIZE
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
REAM .505 ±.002
CHAMFER 45° X 1/64 BOTH SIDES
28-5AM 28L5096 1
PBY-5A 28L5096 1
28-5AMC 28L5096 1
OA U-1 28L5096 1
XPBY-5A 28L5096 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED 11/6/40 DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY
REQ.
ST'D PARTS
LH RH
REQ.
PART NO.
SCALE 12 - 1 - 0
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
C-P
10 2 40
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG
ENG. FILE
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
PAWL - N.L.G. - EMERG. LOWERING LEVER - RATCHET
OPP. HAND
A
SIZE
28L5091



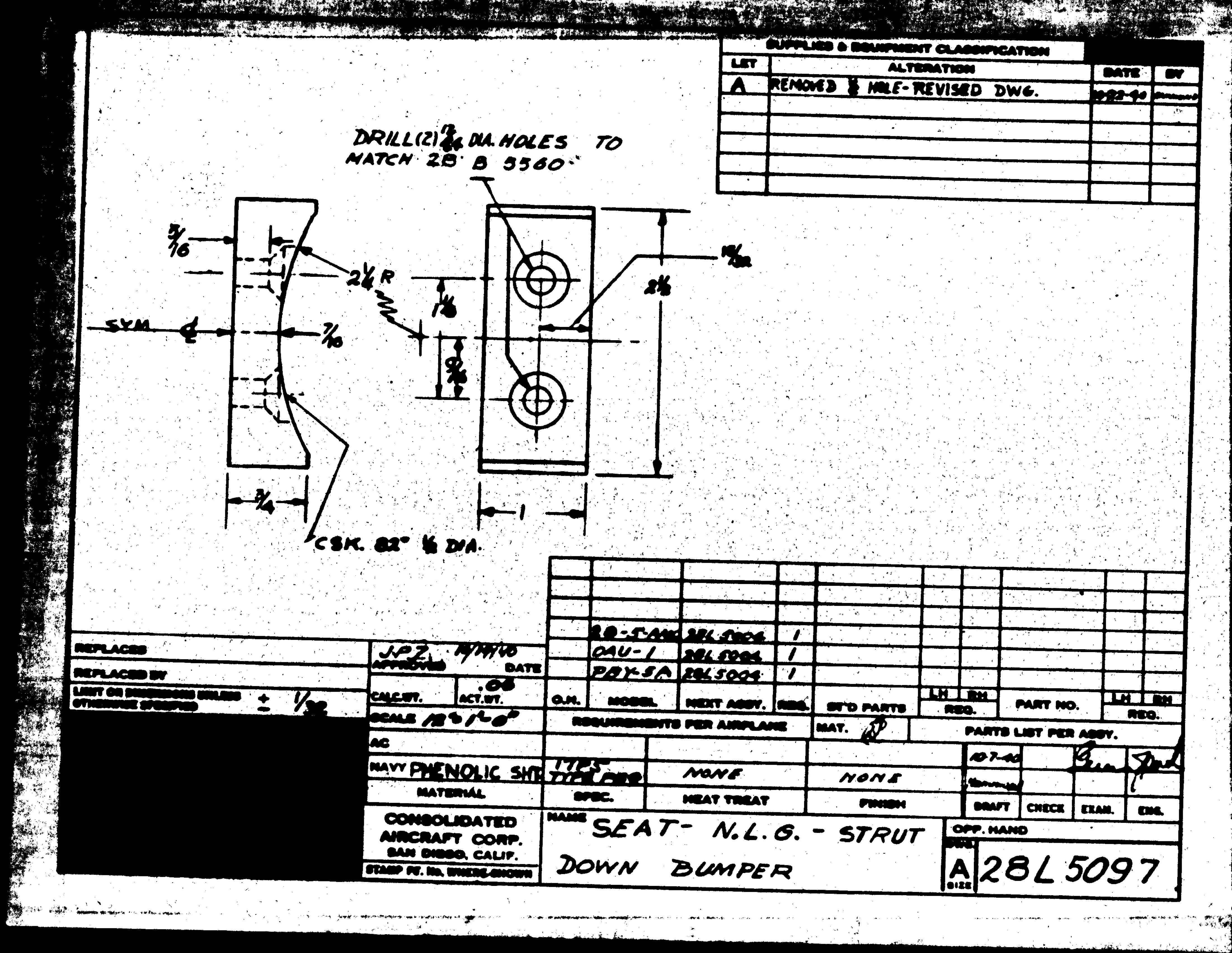
DRILL 17/64 2 HOLES TO MATCH HOLES IN 28L5078(REF)
3/16
1/8
1/16 R
1/2
1/16 R
1 1/4
1/4
℄ SYM.
3 FLAT LENGTH
25°
3/16 R
1/8 R
3/16 R
1/16
1 1/2
LOAD IN SPRING = 15# ±20% AT 1/2" DEFLECTION
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5A 28L5096 1
28-5AMC 28L5096 1
OA-10 28L5096 1
XPBY-5A 28L5096 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 & 1/4°
APPROVED
DATE
CALC.WT.
ACT.WT. .02#
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
SCALE 12"=1'-0
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY SPRING STEEL
AN-QQ-S-666
SPRING TEMPER
C & BAKE
P
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
SPRING - N.L.G. - EMERG. LOWERING LEVER - LATCH
OPP. HAND
A
SIZE
28L5092



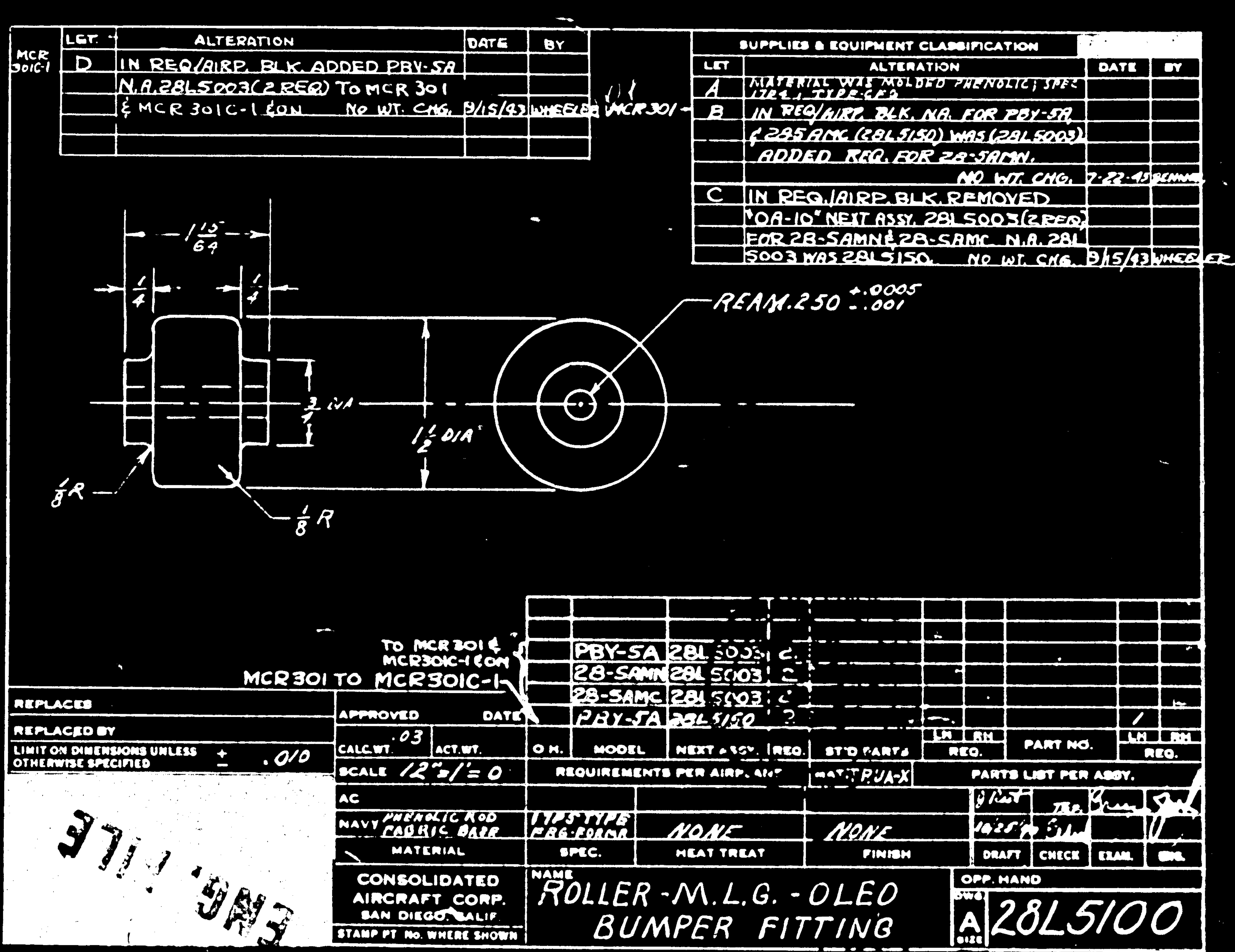
LINE DRILL
REAM .25
THIS SIDE
TAP ¼-28 NF 3
OTHER SIDE
.281 ±.003
35°
11°
2
30°
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5A 28L5096 1
OA-1 28L5096 1
28-5-ANC 28L5096 1
PBY-5A 28L5096 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12"-1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
GRADE A
150,000 #/□"
C-P
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
LATCH-N.L.G.-EMERG.-LOWERING-LEVER-ATTACHMENT CAP
OPP. HAND
A
SIZE
28L5093



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
E.O. #245610
A
ADDED NOTE "BEND RADIUS ... - SPRING" NO WT. CHG
7-13-
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
3/8
DIA.
1 1/2
CLOSE WOUND
3/32 R
R
LOAD IN SPRING - 17.5 # ± 10% AT EXTENDED LENGTH OF 2
NOTE:
BEND RADIUS "R" TO BE A MINIMUM OF TWO WIRE DIAMETERS (BOTH ENDS OF SPRING)
A
28L5096
28L5096
28L5096
28L5096
1
1
1
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010 MIN.
APPROVED
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
REQ.
PART NO.
REQ.
SCALE 12"-1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY MUSIC WIRE
22W11
—
C & BAKE
10-3-41
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
SPRING - N.L.G. - EMERG. LOWERING LEVER - PAWL
OPP. HAND
A
28L5095

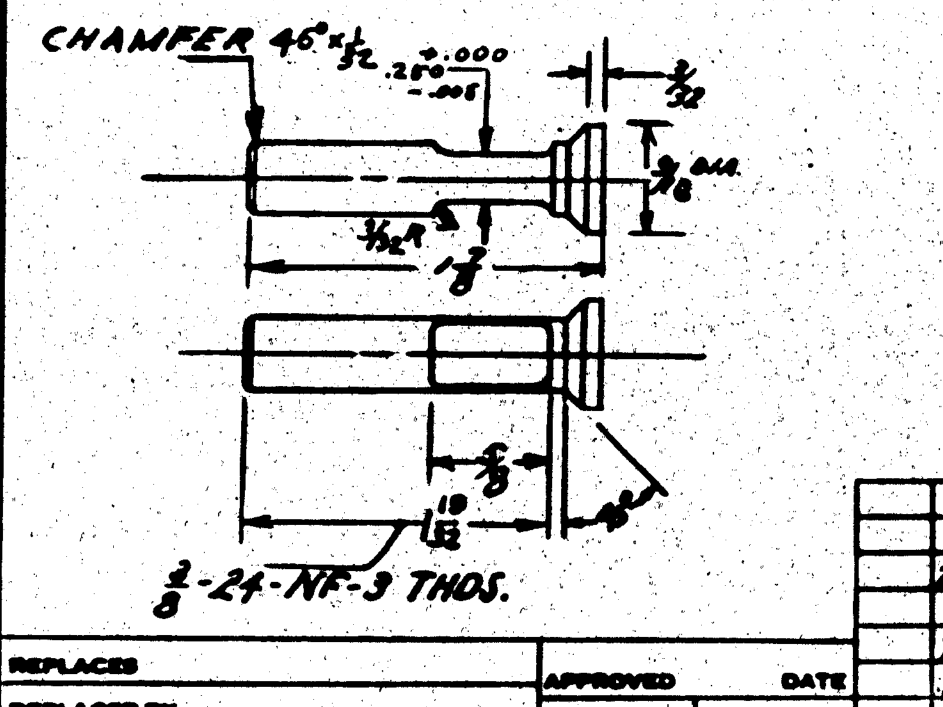


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
REMOVED HOLE - REVISED DWG.
DRILL (2) DIA. HOLES TO MATCH 28 B 5560
2¼ R
SYM
CSK. 82° ½ DIA.
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE
AC
NAVY
PHENOLIC SHT
MATERIAL
SPEC.
NONE
HEAT TREAT
NONE
FINISH
DRAFT
CHECK
EXAM.
ENG.
DAU-1
PBY-5A
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
NAME
SEAT - N.L.G. - STRUT DOWN BUMPER
OPP. HAND
A
SIZE
28L5097



LET.
ALTERATION
DATE
BY
MCR 301C-1
D
IN REQ/AIRP. BLK. ADDED PBY-5A
N.A. 28L5003 (2 REQ) TO MCR 301
& MCR 301C-1 CON NO WT. CHG. 9/15/43
MCR 301
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
MATERIAL WAS MOLDED PHENOLIC; SPEC
B
IN REQ/AIRP. BLK. NA. FOR PBY-5A
& 28-5AMC (28L5150) WAS (28L5003)
ADDED REQ. FOR 28-5AMN.
NO WT. CHG. 7-22-43
C
IN REQ./AIRP. BLK. REMOVED
"OA-10" NEXT ASSY. 28L5003 (2 REQ)
FOR 28-5AMN & 28-5AMC N.A. 28L
5003 WAS 28L5150. NO WT. CHG. 9/15/43 WHEELER
REAM .250 +.0005 -.001
1 15/64
1/4
1/4
3/4 DIA
1 1/2 DIA
1/8 R
1/8 R
TO MCR 301 & MCR 301C-1 CON
MCR 301 TO MCR 301C-1
PBY-5A 28L5003 2
28-5AMN 28L5003 2
28-5AMC 28L5003 2
PBY-5A 28L5150 2
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRP. AND
MAT. TRUA-X
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
DATE
CALC. WT. .03
ACT. WT.
SCALE 12" = 1'-0
AC
NAVY PHENOLIC ROD FABRIC BASE
MATERIAL
SPEC.
NONE
HEAT TREAT
NONE
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME
ROLLER - M.L.G. - OLEO
BUMPER FITTING
OPP. HAND
DWG.
SIZE
A
28L5100
R
ENG. FILE

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	IN B/M SPEC. "AN-QQ-S-684" WAS		
	[illegible]		
	[illegible]		
	AIR TO DATE. NO WT. CHG.	6-10-42	[illegible]



NOTE: BREAK ALL SHARP EDGES

N 9-1 CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-5AMN	28L5112	2						
	OA-10	28L5112	2						
	28-5AMC	28L5112	2						
	PBY-5A	28L5112	2					/	

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED DATE

CALC. WT. .05 ACT. WT.

SCALE 12" = 1' = 0

MAT. TRUAX S.F.R.

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY C.M. STL. ROD	AN-QQ-S-686	125,000 TO 145,000	C	[illegible]	[illegible]		

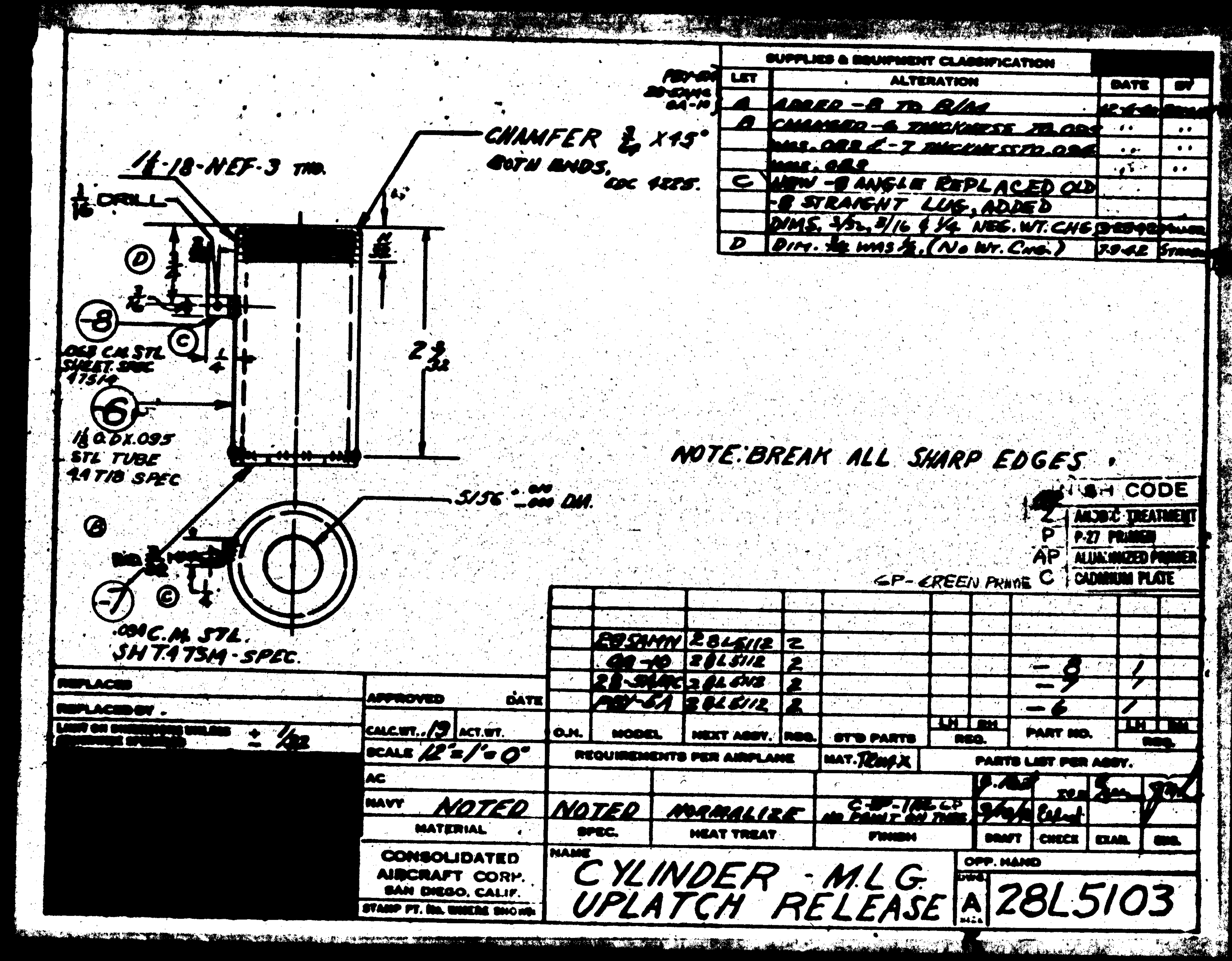
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME: SCREW-M.L.G.-UPLATCH RELEASE-ADJUSTING

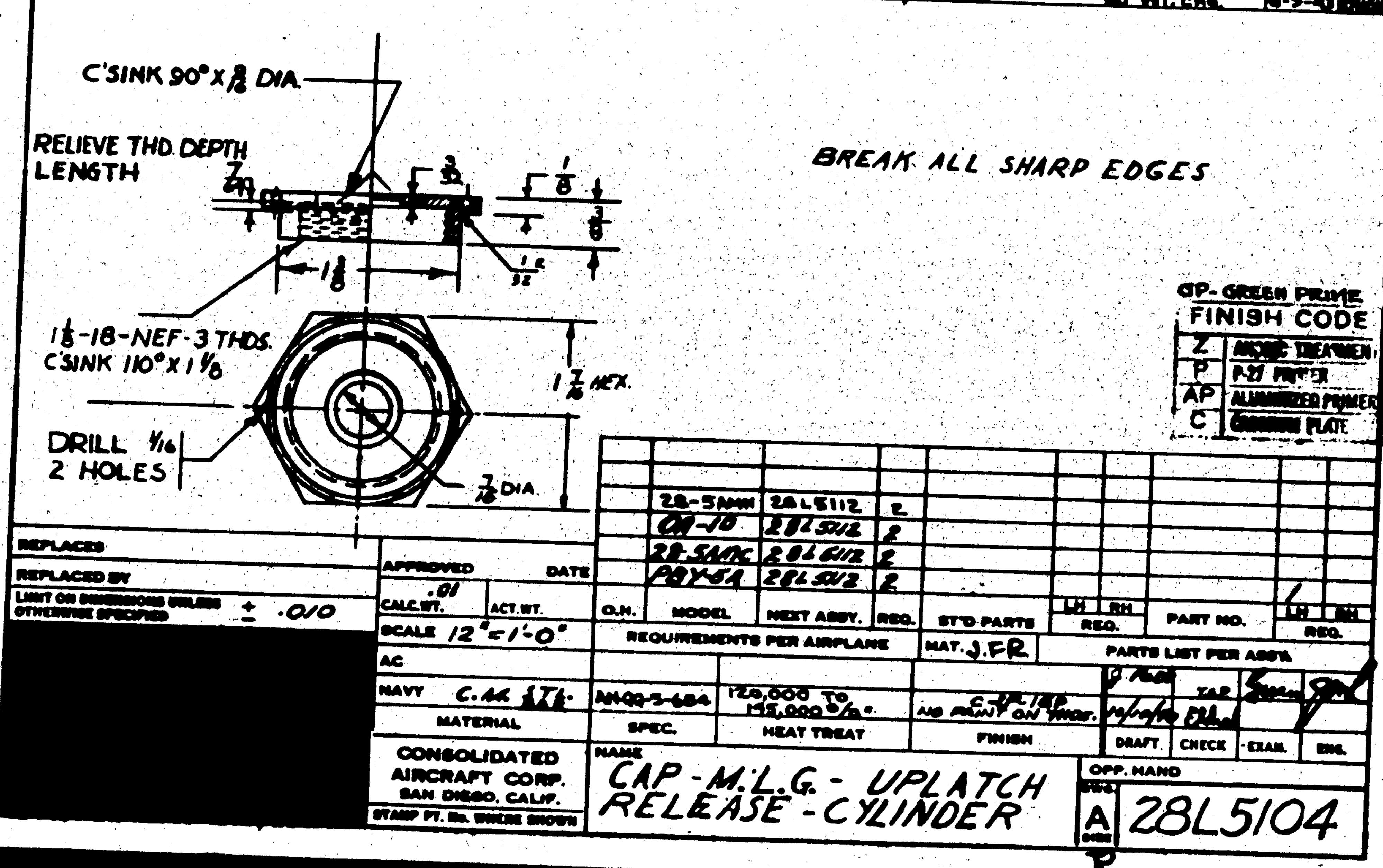
OPP. HAND

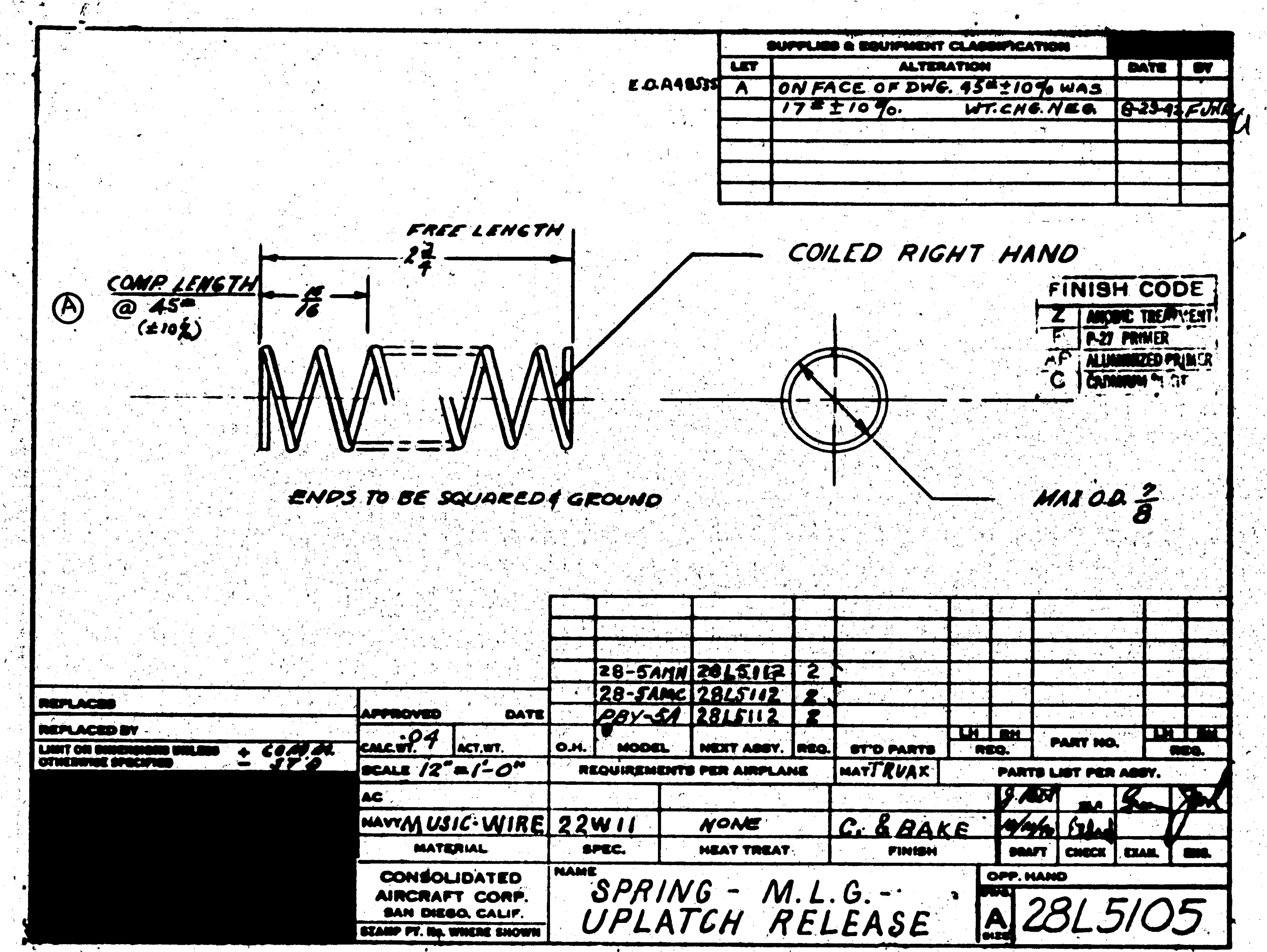
SIZE A — DWG. 28L5102

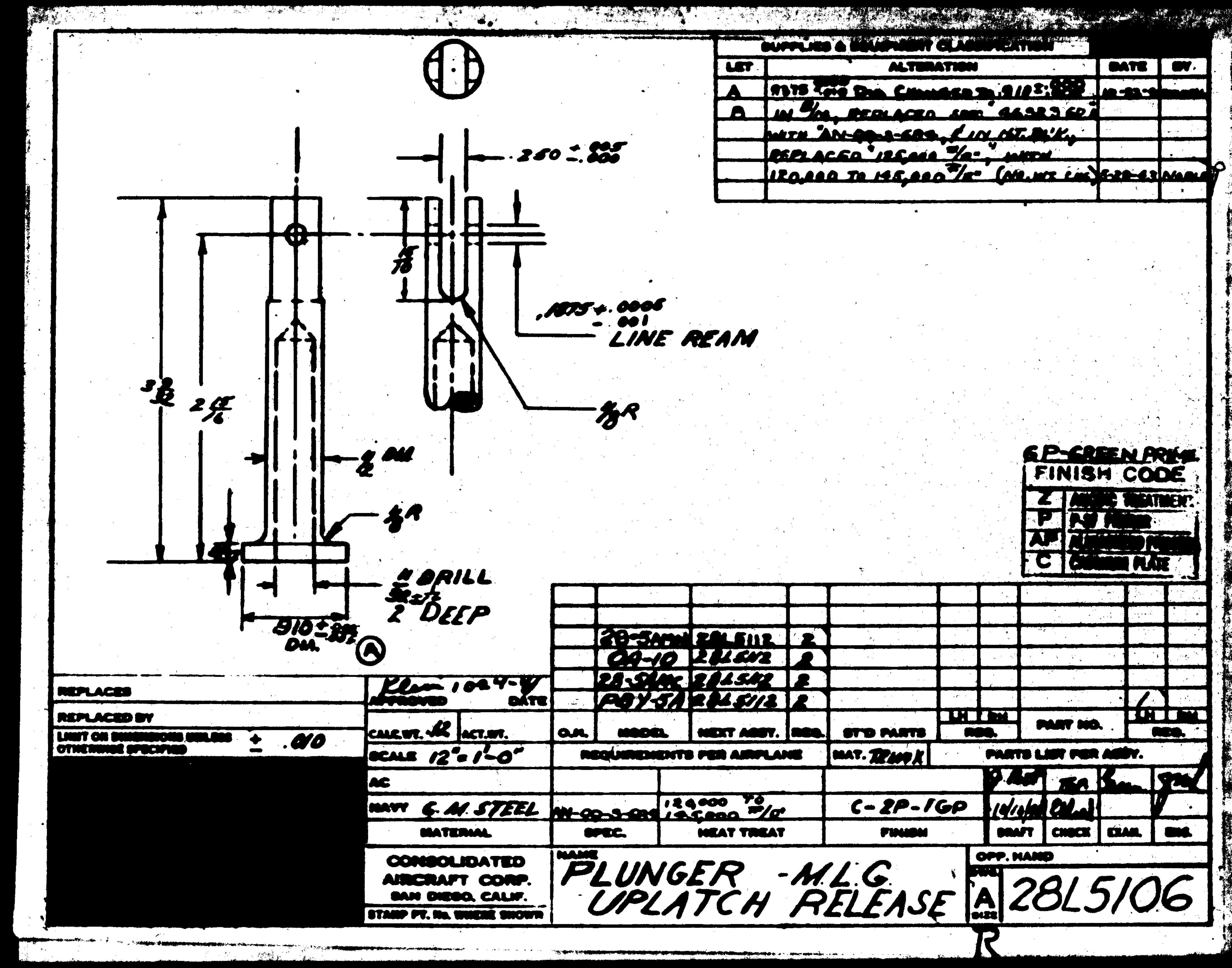

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
B
C
NEW -8 ANGLE REPLACED OLD
-8 STRAIGHT LUG, ADDED
DIMS. 3/32, 3/16 & 1/4 NEG. WT. CHG
D
DIM. WAS (No Wt. Chg.)
7-9-42
CHAMFER X45°
BOTH ENDS,
1 1/8-18-NEF-3 THD.
DRILL
D
-8
C
.063 C.M. STL
SHEET SPEC
1/4
2 3/32
-6
1 1/8 O.D X.095
STL TUBE
4 T18 SPEC
5/156 DIA.
B
-7
C
.091 C.M. STL.
SHT. 4 T5M - SPEC.
NOTE: BREAK ALL SHARP EDGES.
CODE
Z
P
P-27 PRIMER
AP
ALUMINIZED PRIMER
C
CADMIUM PLATE
GP - GREEN PRIME
28L5112
2
2
2
2
-8
1
-7
1
-6
1
REPLACES
REPLACED BY
± 1/32
APPROVED
DATE
CALC. WT. .19
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
NOTED
NOTED
NORMALIZE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
NAME
CYLINDER - M.L.G.
UPLATCH RELEASE
OPP. HAND
A
28L5103

28-5AMC
OA-10 { PBY-5A }

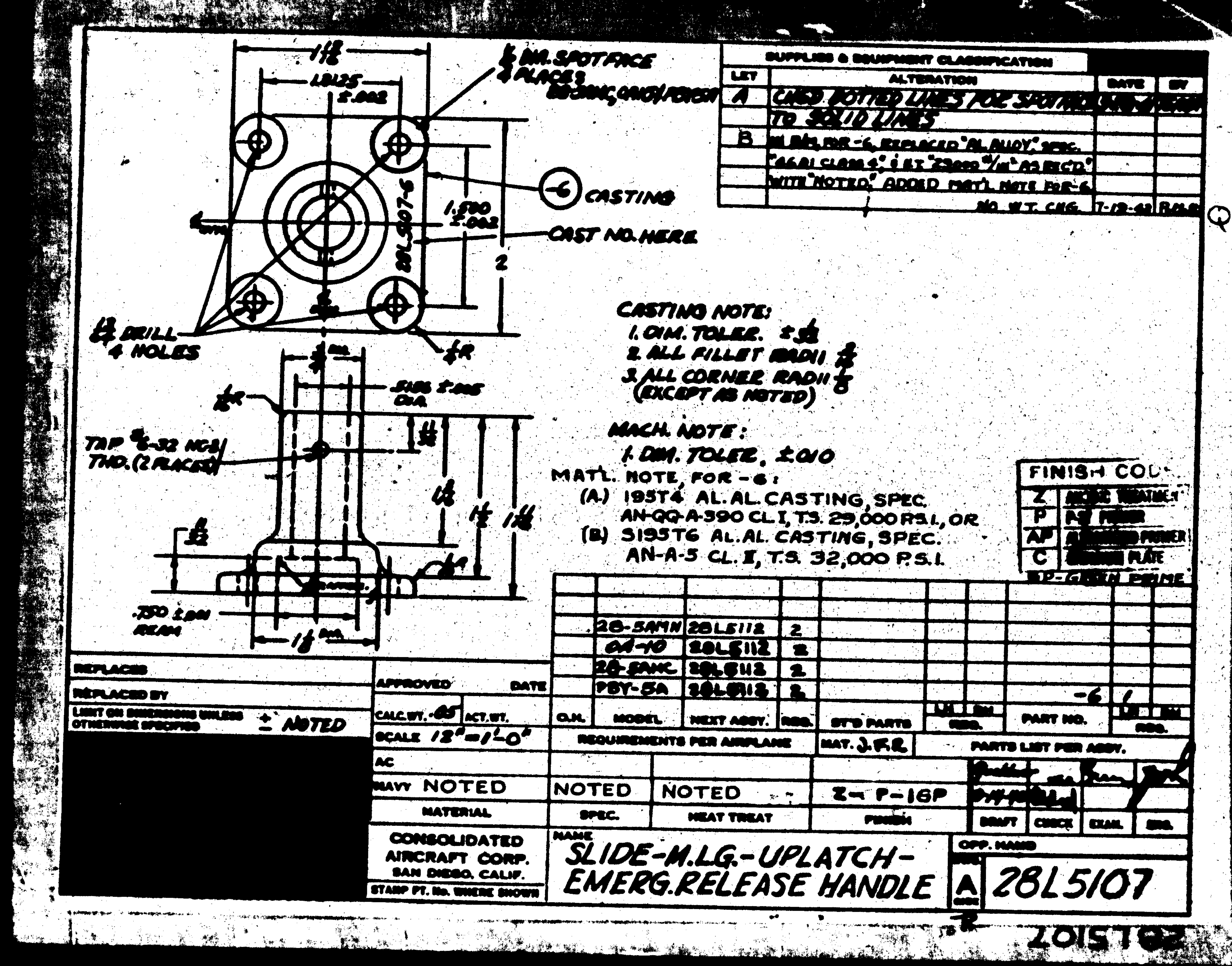
SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	REDESIGNED CAP	12-19-40	SINGER
	WAS MADE FROM RD. STOCK		
B	IN B.M. REPLACED SPEC. "46S23 GR.A"		
	WITH "AN-QQ-S-684". IN H.T. BLOCK RE-		
	PLACED "NONE" WITH "120,000 TO		
	145,000#/□" NO WT. CHG.	6-9-43	KNIGHT



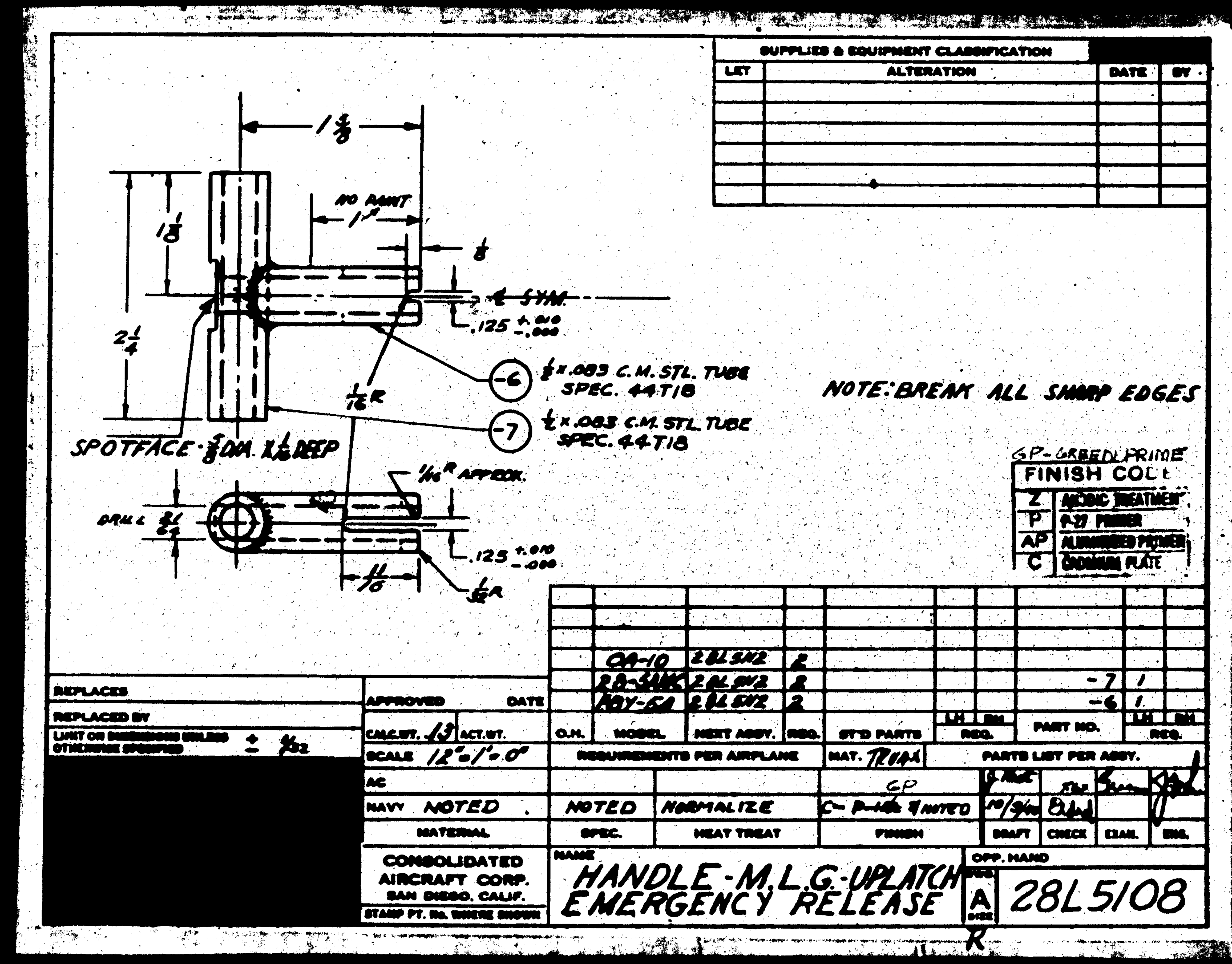

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
E.O.A48535
A
ON FACE OF DWG. 45# ± 10% WAS
17# ± 10%.
WT. CHG. NEG.
FREE LENGTH
2 3/4
COMP. LENGTH
@ 45#
(±10%)
A
15/16
COILED RIGHT HAND
FINISH CODE
Z
F
AF
C
P-27 PRIMER
ALUMINIZED PRIMER
ENDS TO BE SQUARED & GROUND
MAX O.D. 7/8
28-5AMN
28L5112
2
28-5AMC
28L5112
2
PBY-5A
28L5112
2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
CALC. WT. .04
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT TRUAX
PARTS LIST PER ASSY.
AC
NAVY MUSIC-WIRE
22W11
NONE
C. & BAKE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
SPRING - M.L.G. -
UPLATCH RELEASE
OPP. HAND
A
SIZE
28L5105
R



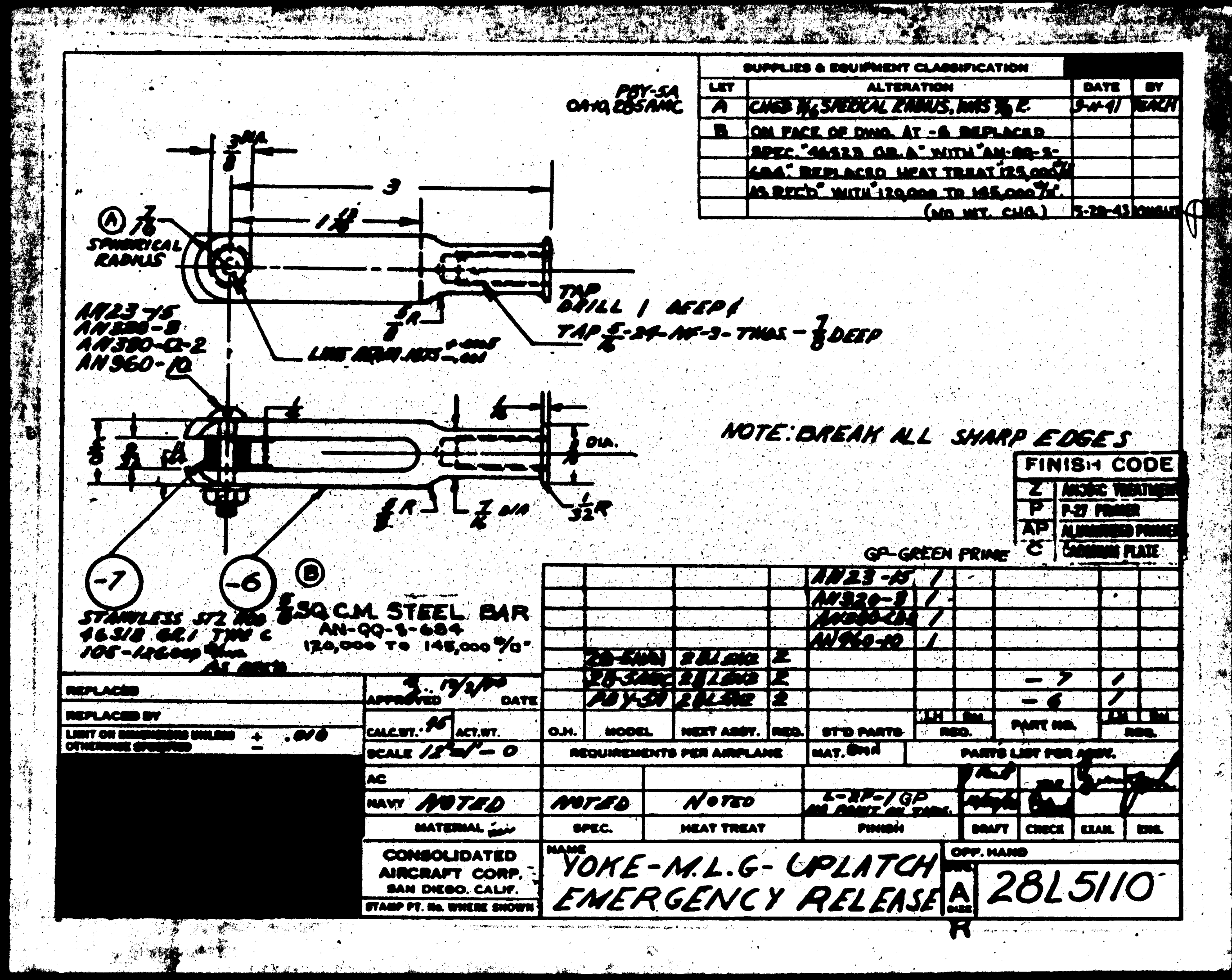
LET
ALTERATION
DATE
BY
.250
.1875
LINE REAM
DRILL
2 DEEP
DIA.
FINISH CODE
Z
P
C
REPLACES
REPLACED BY
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE 12"=1'-0"
AC
NAVY
G.M. STEEL
C-2P-1GP
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
ENG.
REQUIREMENTS PER AIRPLANE
MODEL
NEXT ASSY.
REQ.
PART NO.
PARTS LIST PER ASSY.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
NAME
PLUNGER -M.L.G.
UPLATCH RELEASE
OPP. HAND
A
28L5106



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TO SOLID LINES
B
WITH "NOTED" ADDED MAT'L NOTE FOR-6
NO WT. CHG. 7-12-43
CASTING
CAST NO. HERE
28L5107-6
1.580 ±.002
1.8125 ±.002
2
DRILL 4 HOLES
CASTING NOTE:
1. DIM. TOLER.
2. ALL FILLET RADII
3. ALL CORNER RADII
(EXCEPT AS NOTED)
MACH. NOTE:
1. DIM. TOLER. ±.010
MAT'L. NOTE FOR -6:
(A.) 195T4 AL. AL. CASTING, SPEC. AN-QQ-A-390 CL. I, T.S. 29,000 P.S.I., OR
(B) S195T6 AL. AL. CASTING, SPEC. AN-A-5 CL. II, T.S. 32,000 P.S.I.
DIA.
TAP 6-32 NC-3 THD. (2 PLACES)
.750 ±.010 REAM
FINISH CODE
Z
P
AP
C
PLATE
28-5AMN 28L5112 2
28L5112 2
28L5112 2
PBY-5A 28L5112 2
-6 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± NOTED
APPROVED DATE
CALC. WT. .05 ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED
MATERIAL
NOTED
SPEC.
NOTED
HEAT TREAT
Z-P-16P
FINISH
Q.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
REQ.
PART NO.
REQ.
REQUIREMENTS PER AIRPLANE
MAT. J.F.R.
PARTS LIST PER ASSY.
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
SLIDE-M.L.G.-UPLATCH-
EMERG. RELEASE HANDLE
OPP. HAND
A
28L5107



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
NO PAINT
¢ SYM.
.125 +.010 -.000
-6
⅝ x .083 C.M. STL. TUBE SPEC. 44T18
-7
¾ x .083 C.M. STL. TUBE SPEC. 44T18
SPOTFACE-⅞ DIA. X 1/16 DEEP
1/16 R
1/16 R APPROX.
DRILL 31/64
.125 +.010 -.000
1/32 R
NOTE: BREAK ALL SHARP EDGES
GP-GREEN PRIME
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
OA-10
28-5AMC
PBY-5A
-7
-6
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NORMALIZE
GP
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
HANDLE-M.L.G.-UPLATCH EMERGENCY RELEASE
OPP. HAND
A
SIZE
28L5108


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
9-11-41
B
ON FACE OF DWG. AT -6 REPLACED
SPEC. "46523 GR. A" WITH "AN-QQ-S-
684". REPLACED HEAT TREAT "125,000#
AS REC'D" WITH "120,000 TO 145,000#/□".
(NO WT. CHG.)
5-20-43
PBY-5A
OA-10, 28-5AMC
3
SPHERICAL
RADIUS
TAP
DRILL 1 DEEP
TAP 5/16-24-NF-3-THDS.-7/8 DEEP
AN23-15
AN320-3
AN380-C2-2
AN960-10
NOTE: BREAK ALL SHARP EDGES
DIA.
1/32 R
FINISH CODE
Z
ANODIC TREATMENT
P
P-27 PRIMER
AP
ALUMINIZED PRIMER
C
CADMIUM PLATE
GP-GREEN PRIME
-7
-6
STAINLESS STL ROD
46318 GR.1 TYPE C
5/8 SQ. C.M. STEEL BAR
AN-QQ-S-684
120,000 TO 145,000 #/□"
AN23-15
1
AN320-3
1
AN960-10
1
28-5AMC
28L5112
2
28-5AMC
28L5113
2
PBY-5A
28L5112
2
-7
1
-6
1
REPLACED
REPLACED BY
APPROVED
DATE
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
REQ.
PART NO.
REQ.
SCALE
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST FOR ASSY.
AC
NAVY
NOTED
NOTED
NOTED
L-2P-1GP
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
YOKE-M.L.G-UPLATCH
EMERGENCY RELEASE
OPP. HAND
A
SIZE
28L5110
R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

FREE LENGTH 3

COMP. LENGTH @ 12# (±10%) 1

COILED RIGHT HAND

ENDS TO BE SQUARED & GROUND

MIN. I.D. 3/8

FINISH CODE	
Z	ANOD'C TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.
	OA-10	28L5112	2
	28-5AMC	28L5112	2
	PBY-5A	28L5112	2

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + Comm. - Std.

APPROVED DATE

CALC. WT. .03 ACT. WT.

SCALE 12" = 1'-0"

MAT.

AC

NAVY MUSIC WIRE

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
MUSIC WIRE	22W11	NONE	C.E. BAKE				

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

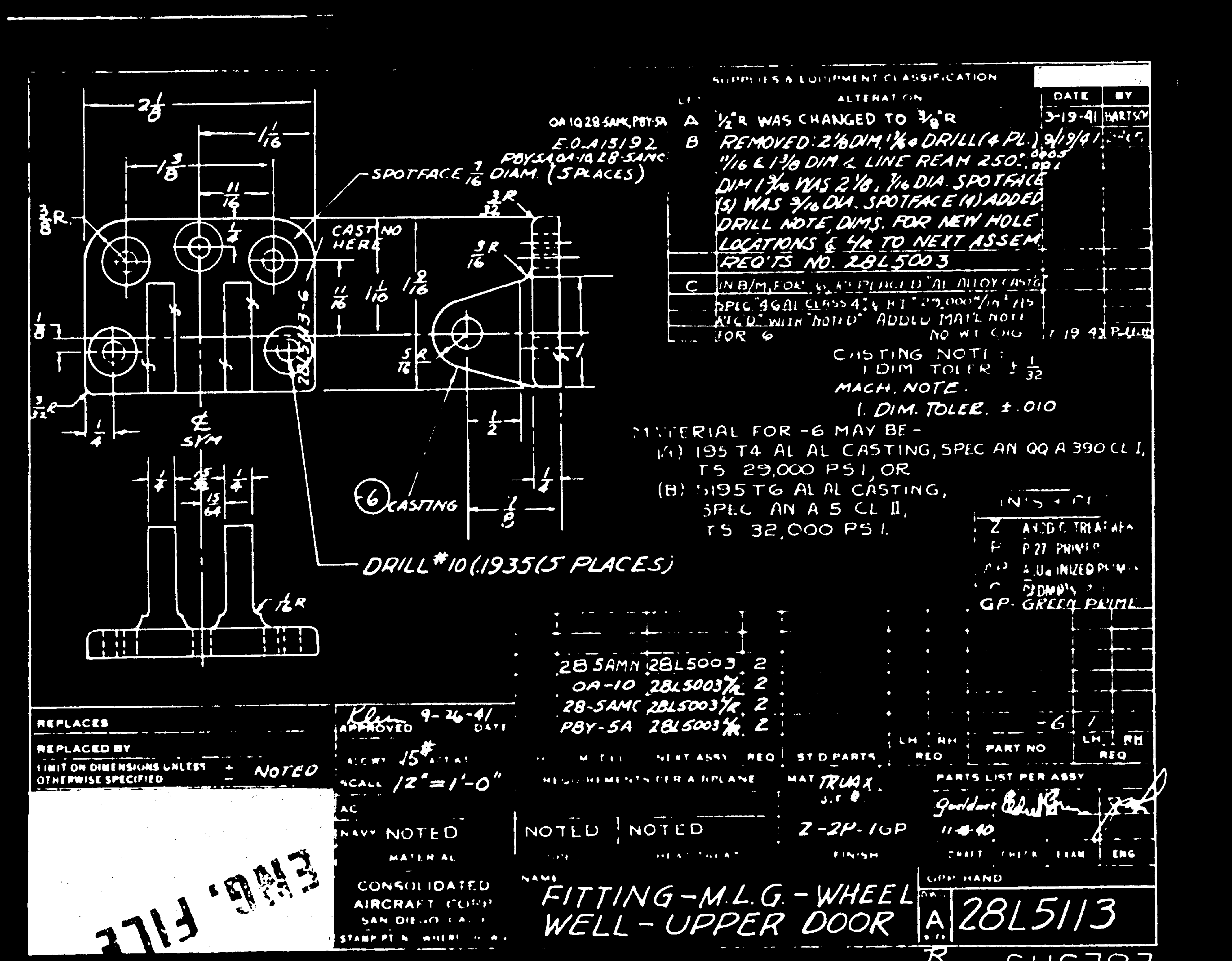
STAMP PT. No. WHERE SHOWN

NAME SPRING-M.L.G.-UPLATCH EMERGENCY RELEASE

OPP. HAND

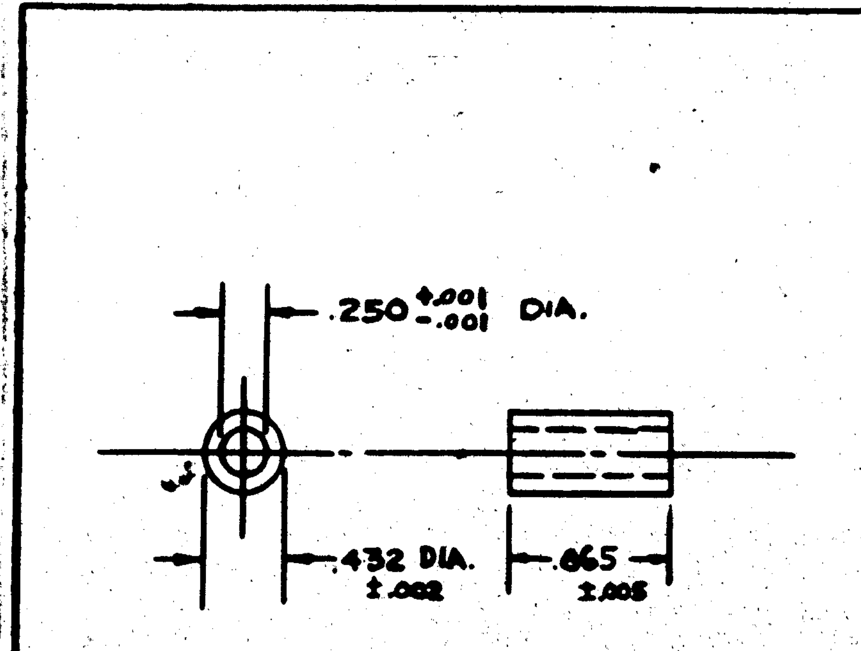
DWG. A SIZE 28L5111

R



SUPPLIES & EQUIPMENT CLASSIFICATION
ALTERATION
DATE
BY
OA 10 28-5AMC PBY-5A
A ½"R WAS CHANGED TO ⅜"R 3-19-41
E.O. A15192 PBY-5A OA-10 28-5AMC
B REMOVED: 2⅛ DIM, 11/64 DRILL (4 PL.) 11/16 & 1⅜ DIM & LINE REAM .250 DIM 1 9/16 WAS 2⅛, 7/16 DIA. SPOTFACE (5) WAS 9/16 DIA. SPOTFACE (4) ADDED DRILL NOTE, DIMS. FOR NEW HOLE LOCATIONS & 4/R TO NEXT ASSEM REQ'TS NO. 28L5003
C IN B/M FOR -6 REPLACED "AL ALLOY CASTG SPEC 46A1 CLASS 4" & HT 29,000#/IN² AS REQ'D" WITH "NOTED" ADDED MAT'L NOTE FOR -6 NO WT CHG
SPOTFACE 7/16 DIAM. (5 PLACES)
CAST NO HERE
28L5113-6
⊄ SYM
-6 CASTING
DRILL #10 (.1935 (5 PLACES)
CASTING NOTE: 1 DIM TOLER ± 1/32
MACH. NOTE. 1. DIM. TOLER. ±.010
MATERIAL FOR -6 MAY BE -
(A) 195 T4 AL AL CASTING, SPEC AN QQ A 390 CL I, TS 29,000 PSI, OR
(B) 195 T6 AL AL CASTING, SPEC AN A 5 CL II, TS 32,000 PSI.
Z ANODIC TREATMENT
P 27 PRIMER
GP- GREEN PRIMER
28 5AMN 28L5003 2
OA-10 28L5003 2
28-5AMC 28L5003 2
PBY-5A 28L5003 2
-6 1
LH RH REQ PART NO LH RH REQ
STD PARTS
NEXT ASSY REQ
REQUIREMENTS PER AIRPLANE
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± NOTED
APPROVED 9-26-41 DATE
15#
SCALE 12"=1'-0"
AC
NAVY NOTED
MATERIAL
NOTED
NOTED
HEAT TREAT
MAT TRUAX
Z-ZP-1GP
FINISH
PARTS LIST PER ASSY
11-8-40
DRAFT CHECK ENG
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF
NAME
FITTING-M.L.G.-WHEEL WELL-UPPER DOOR
OPP HAND
A 28L5113
ENG. FILE

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



NOTE:
MATERIAL IS GRAPHITE-IMPREGNATED PHENOLIC (INSUROK OR EQUIVALENT)

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	OA-10	28L5003	2						
	28-5AMC	28L5003	2						
	PBY-5A	28L5003	2						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± NOTED

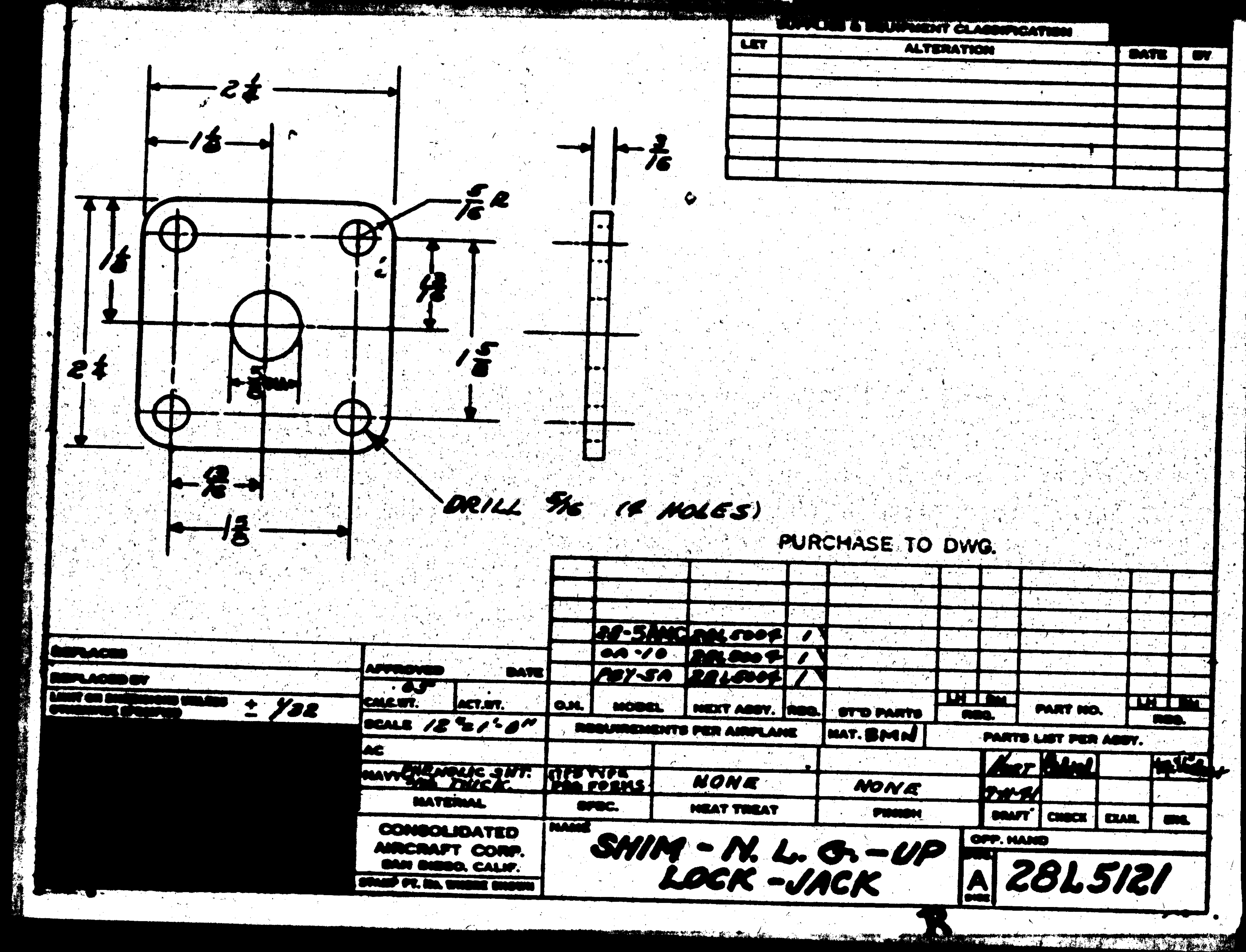
APPROVED DATE
CALC.WT. .04 ACT.WT.
SCALE 12" = 1'-0"
MAT. TRUAX
AC
NAVY NOTED

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY NOTED	COMMERCIAL	NONE	NONE	Jackson 11-19-40	Eldred	Green	JML

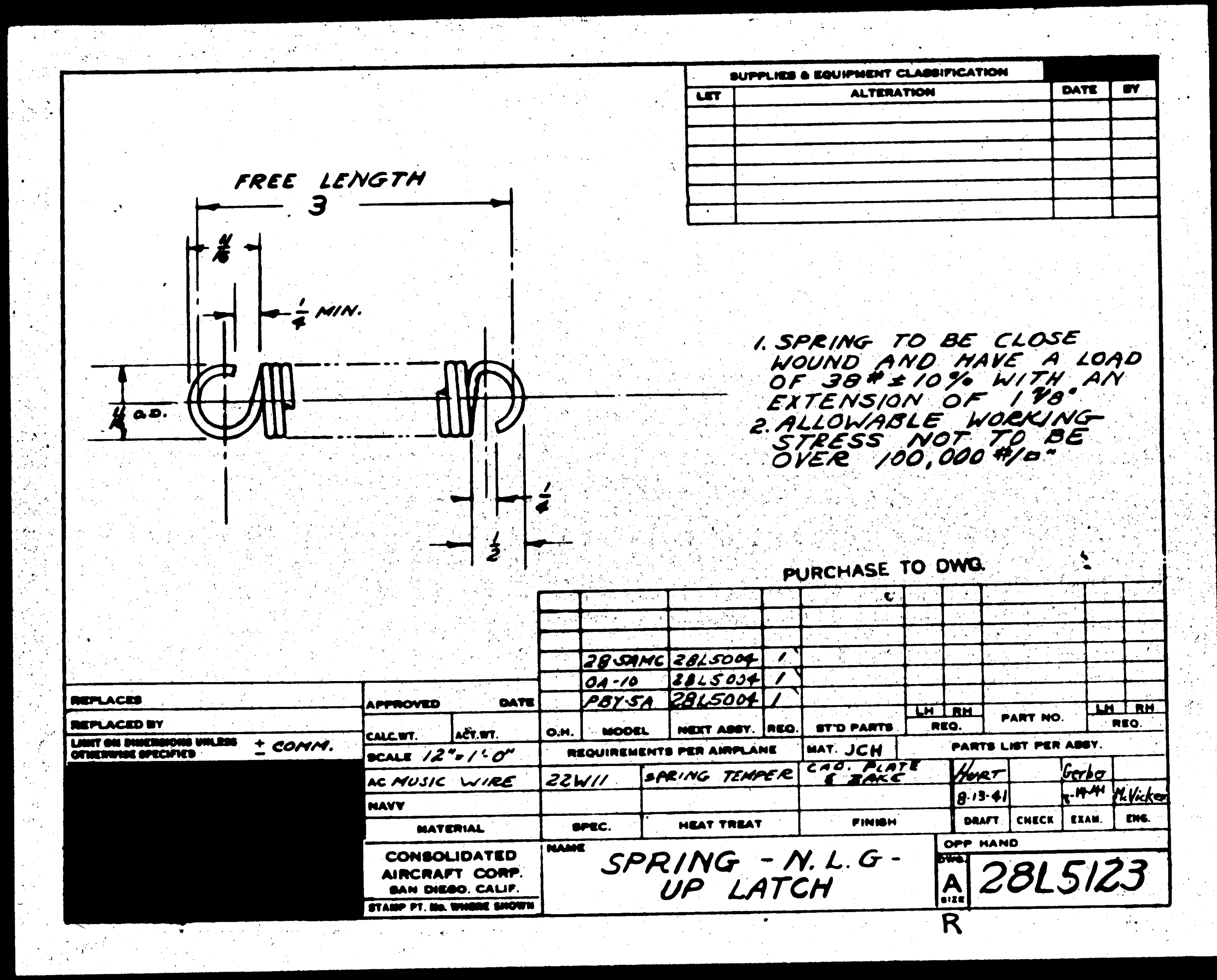
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME
BUSHING-M.L.G.-WHEEL WELL DOOR-OPERATING MECHANISM

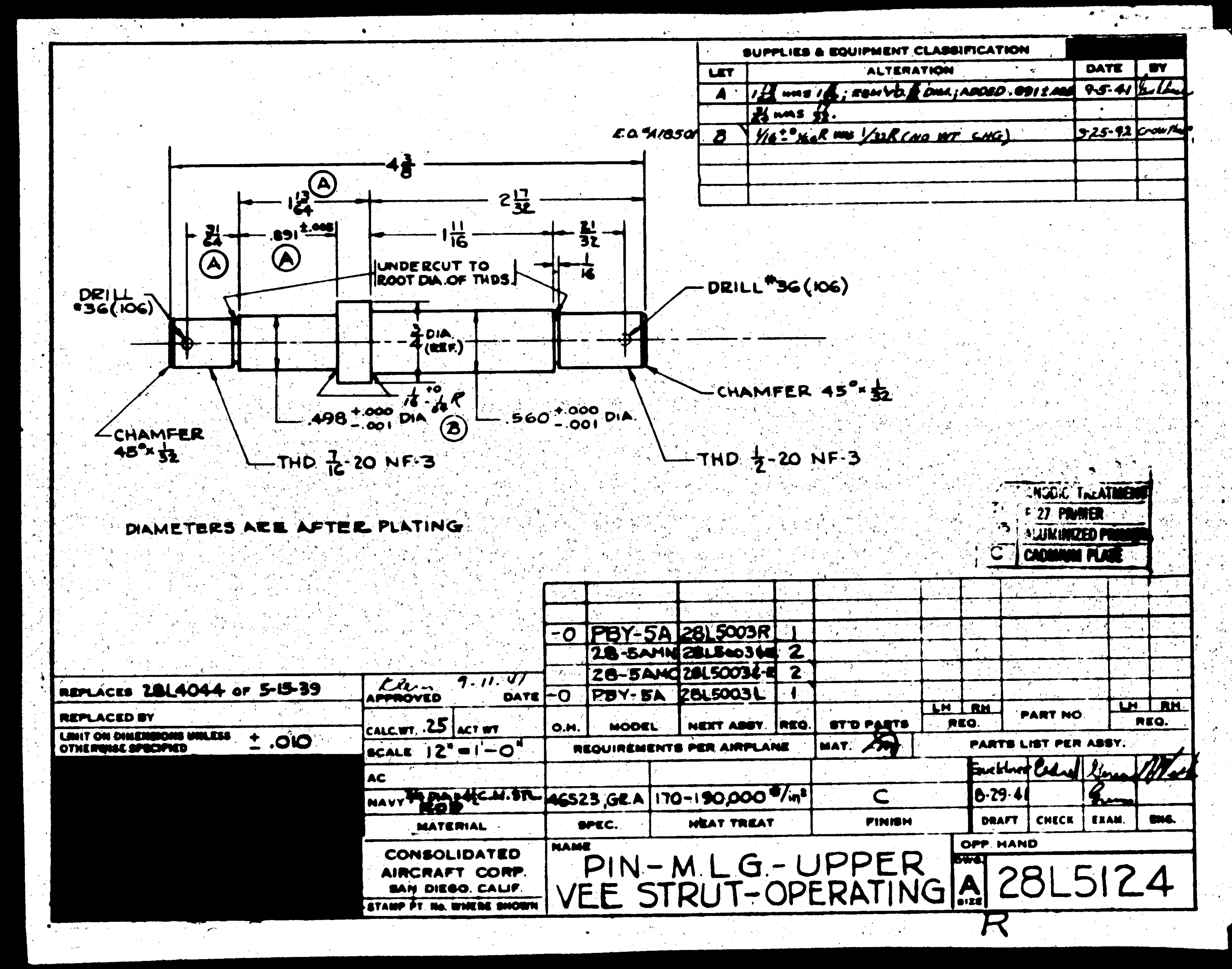
OPP. HAND
SIZE A
28L5116
R



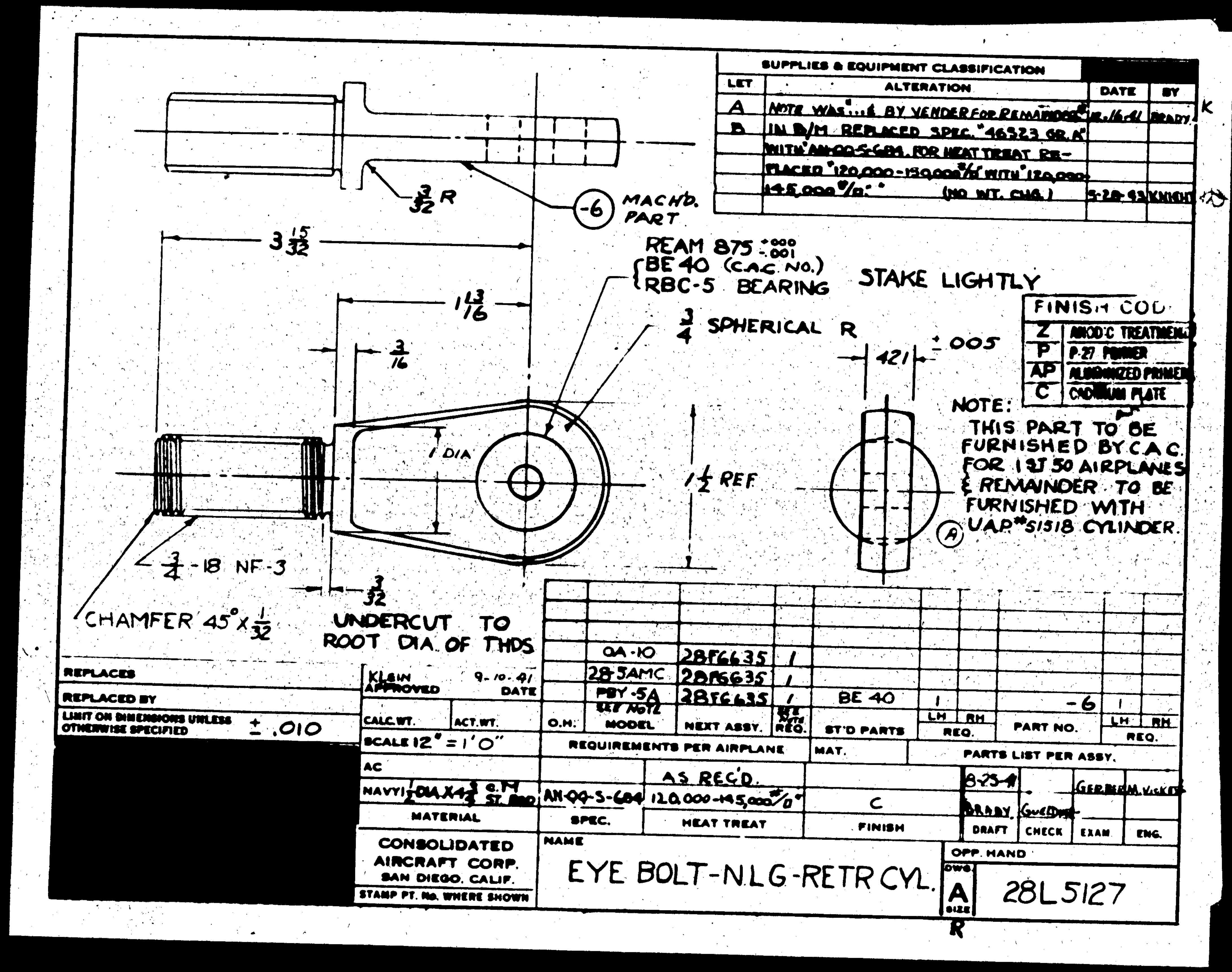
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
DRILL 5/16 (4 HOLES)
PURCHASE TO DWG.
REPLACES
REPLACED BY
± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE 12"=1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
PART NO.
REQUIREMENTS PER AIRPLANE
MAT. SMN
PARTS LIST PER ASSY.
AC
NAVY
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
NAME
SHIM - N. L. G. - UP
LOCK - JACK
OPP. HAND
A
28L5121



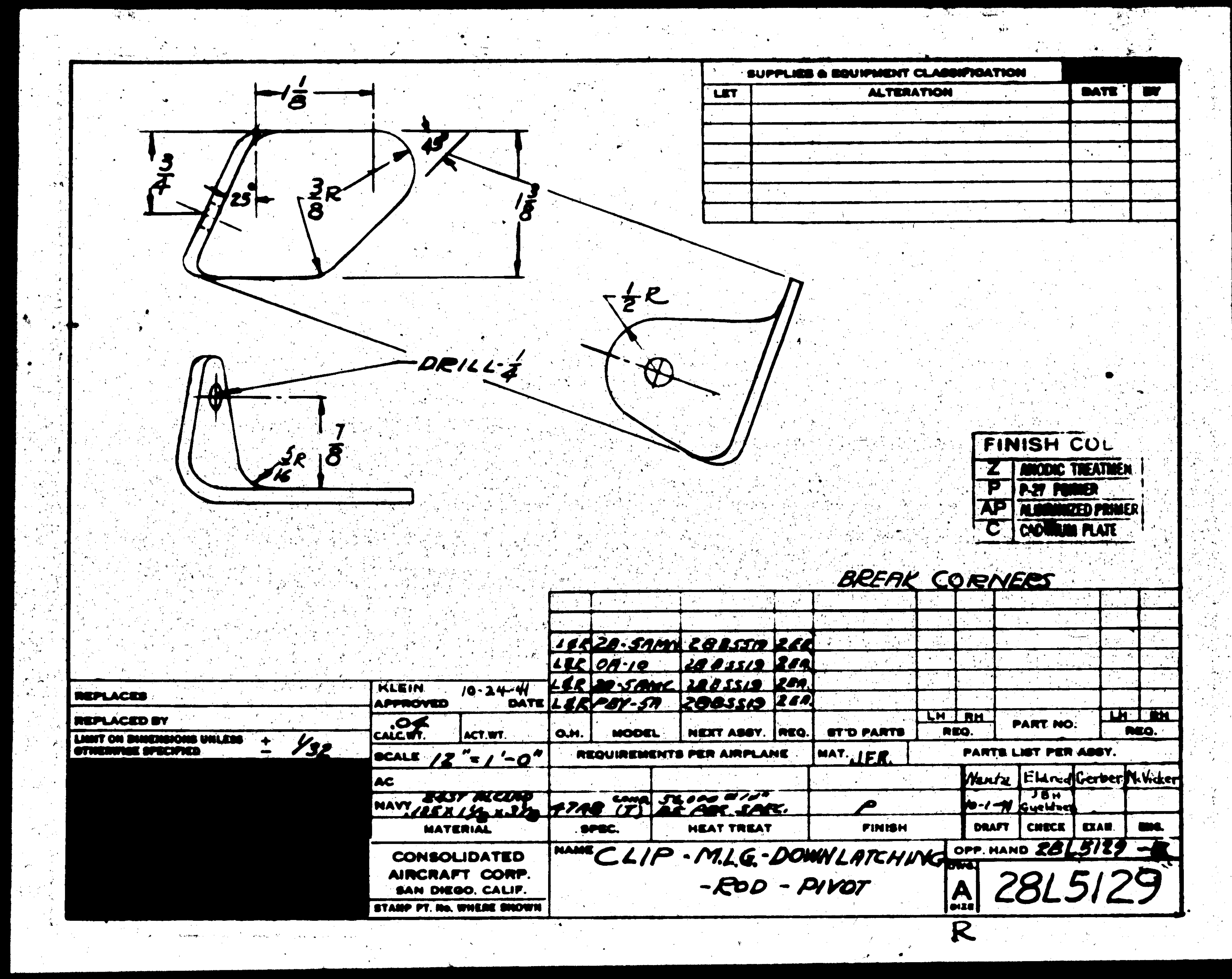
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
FREE LENGTH
3
1/4 MIN.
O.D.
1/4
1/2
1. SPRING TO BE CLOSE WOUND AND HAVE A LOAD OF 38# ± 10% WITH AN EXTENSION OF 1 1/8"
2. ALLOWABLE WORKING STRESS NOT TO BE OVER 100,000#/□"
PURCHASE TO DWG.
28-5AMC 28L5004 1
OA-10 28L5004 1
PBY-5A 28L5004 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± COMM.
APPROVED
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT. JCH
PARTS LIST PER ASSY.
AC MUSIC WIRE
22W11
SPRING TEMPER
CAD. PLATE & BAKE
Hart
8-13-41
Gerber
McVicker
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
SPRING - N.L.G - UP LATCH
DWG.
A SIZE
28L5123
R



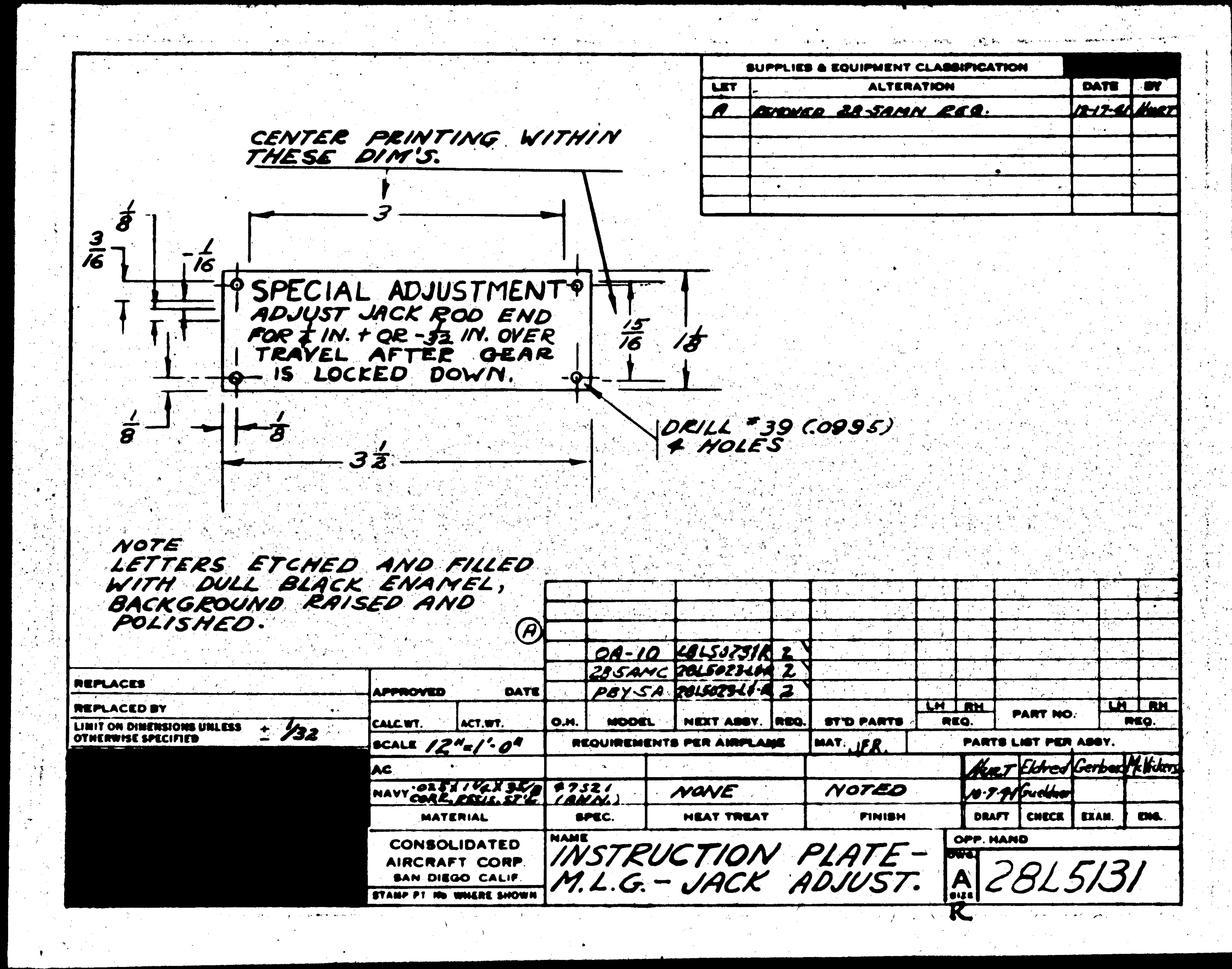
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
9-5-41
E.O.#A1850
B
3-25-42
4 3/8
1 13/64
2 17/32
31/64
.891 ±.005
1 11/16
21/32
1/16
UNDERCUT TO ROOT DIA. OF THDS.
DRILL #36 (.106)
DRILL #36 (.106)
3/4 DIA. (REF.)
CHAMFER 45° x 1/32
CHAMFER 45° x 1/32
.498 +.000 -.001 DIA
.560 +.000 -.001 DIA.
THD. 7/16-20 NF-3
THD. 1/2-20 NF-3
DIAMETERS ARE AFTER PLATING
C CADMIUM PLATE
-0 PBY-5A 28L5003R 1
28-5AMN 2
28-5AMC 2
-0 PBY-5A 28L5003L 1
REPLACES 28L4044 OF 5-15-39
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
DATE 9.11.41
CALC. WT. .25
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY
MATERIAL
46523 GR.A
SPEC.
170-190,000 #/in²
HEAT TREAT
C
FINISH
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
8-29-41
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
PIN - M.L.G. - UPPER VEE STRUT - OPERATING
DWG. A SIZE
28L5124
R



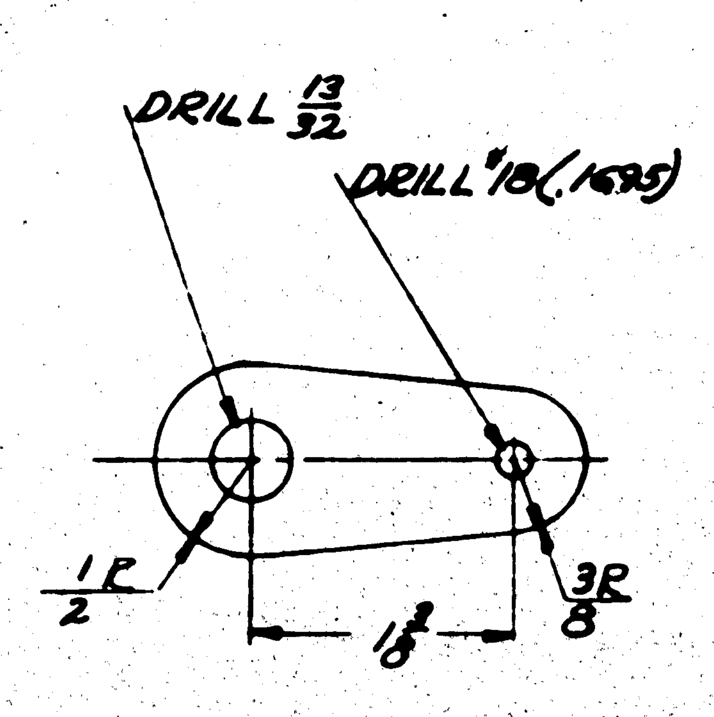
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
B
IN B/M REPLACED SPEC. "46323 GR. A" WITH "AN-QQ-S-684, FOR HEAT TREAT REPLACED "120,000-150,000#/□" WITH "120,000-145,000#/□."
(NO WT. CHG.)
5-28-43
KNIGHT
3/32 R
-6 MACH'D. PART
3 15/32
1 13/16
3/16
REAM .875 +.000 -.001
BE 40 (C.A.C. NO.)
RBC-5 BEARING
STAKE LIGHTLY
3/4 SPHERICAL R
.421 ±.005
1 DIA
1 1/2 REF
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
NOTE:
THIS PART TO BE FURNISHED BY C.A.C. FOR 1ST 50 AIRPLANES & REMAINDER TO BE FURNISHED WITH U.A.P. #51518 CYLINDER.
A
3/4-18 NF-3
3/32
CHAMFER 45° X 1/32
UNDERCUT TO ROOT DIA. OF THDS
OA-10
28F6635
1
28-5AMC
28F6635
1
PBY-5A
28F6635
1
SEE NOTE
BE 40
1
-6
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
KLEIN
APPROVED
9-10-41
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
SEE NOTE REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
AS REC'D.
NAVY
AN-QQ-S-684
120,000-145,000#/□
C
8-25-41
BRADY
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
EYE BOLT-N.L.G.-RETR CYL.
OPP. HAND
DWG.
A
SIZE
28L5127



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1 1/8
3/4
25°
3/8 R
45°
1 3/8
1/2 R
DRILL 1/4
7/8
5/16 R
FINISH COL
Z ANODIC TREATMEN
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
BREAK CORNERS
LER 28-5AMA 28B5519 2EA.
LER OA-10 28B5519 2EA.
LER 28-5AMC 28B5519 2EA.
LER PBY-5A 28B5519 2EA.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
KLEIN 10-24-41
APPROVED DATE
.04 CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT. LER.
PARTS LIST PER ASSY.
AC
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
P
Wentz
Eldred
Gerber
McVicker
10-1-41
J B H Guelker
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME CLIP - M.L.G. - DOWN LATCHING - ROD - PIVOT
OPP. HAND 28L5129
A SIZE
DWG. 28L5129
R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
CENTER PRINTING WITHIN THESE DIM'S.
3
1/8
3/16
1/16
SPECIAL ADJUSTMENT
ADJUST JACK ROD END FOR 1/4 IN. + OR - 1/32 IN. OVER TRAVEL AFTER GEAR IS LOCKED DOWN.
15/16
1 1/8
1/8
1/8
3 1/2
DRILL #39 (.0995) 4 HOLES
NOTE
LETTERS ETCHED AND FILLED WITH DULL BLACK ENAMEL, BACKGROUND RAISED AND POLISHED.
A
OA-10
2
28-5AMC
2
PBY-5A
2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
NONE
NOTED
Eldred
Gerber
McVickers
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.
STAMP PT No WHERE SHOWN
NAME
INSTRUCTION PLATE - M.L.G. - JACK ADJUST.
OPP. HAND
DWG.
A
SIZE
28L5131
R



BREAK CORNERS

C-77713 & C-88476-#1T052

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-5AMC	28L5003X	1						
	28-5ANC	28L5005	1						
	PBY-5A	28L5002	2						
REQUIREMENTS PER AIRPLANE				MAT. J.F.R.	PARTS LIST PER ASSY.				

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32

KLEIN APPROVED	12-10-41 DATE			
CALC. WT.	ACT. WT. .07			
SCALE 1/2" = 1'-0"				
AC				
NAVY [illegible] C.M. STEEL SH	47S14	NORMALIZE 90,000 TO 125,000 psi	CAD. PLATE	
MATERIAL	SPEC.	HEAT TREAT	FINISH	

DRAFT	CHECK	EXAM.	ENG.
[illegible] 12-8-41	Guidhe J.B.H.	Gerber	McVicker

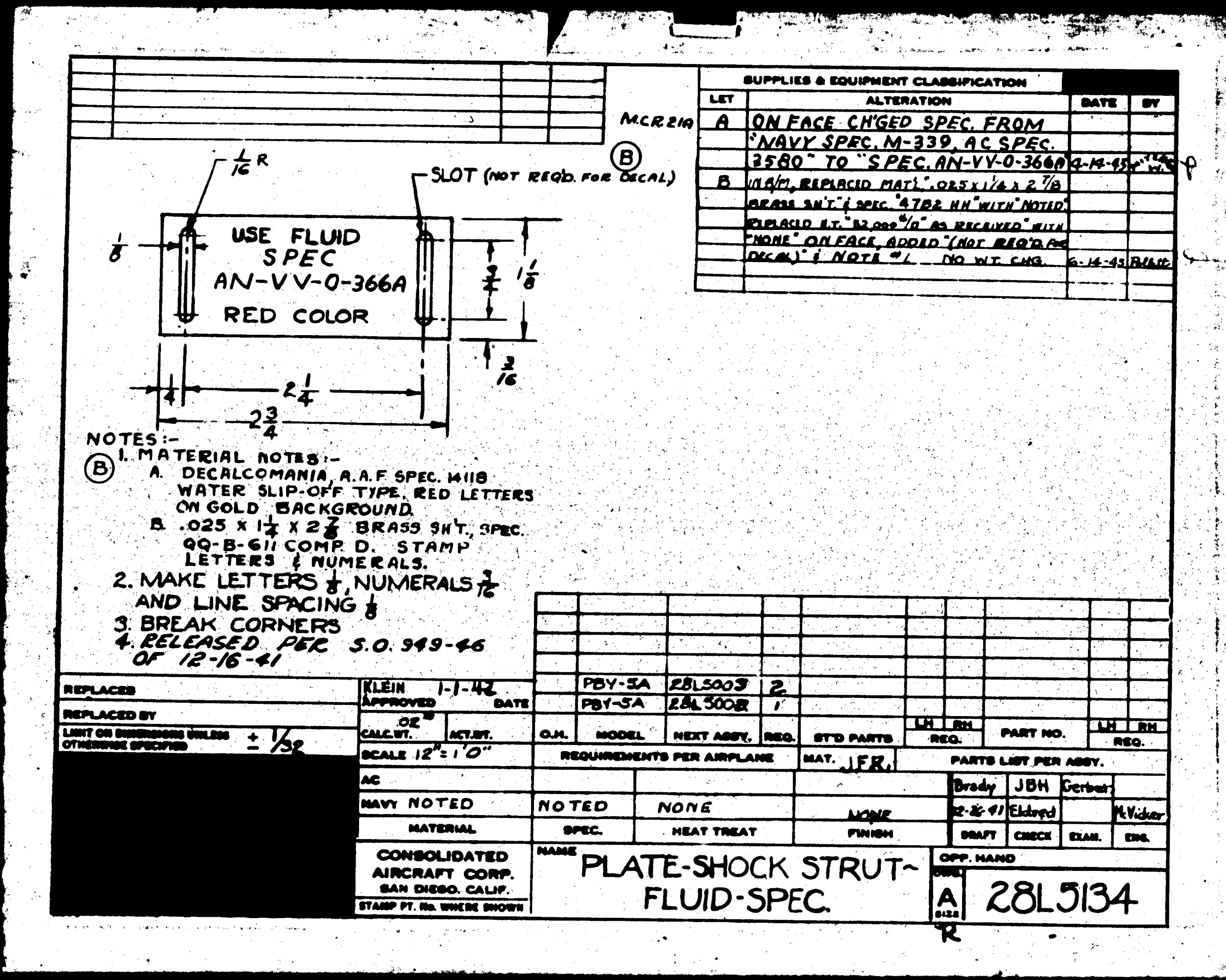
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No WHERE SHOWN

NAME CLIP - M.L.G. BONDING

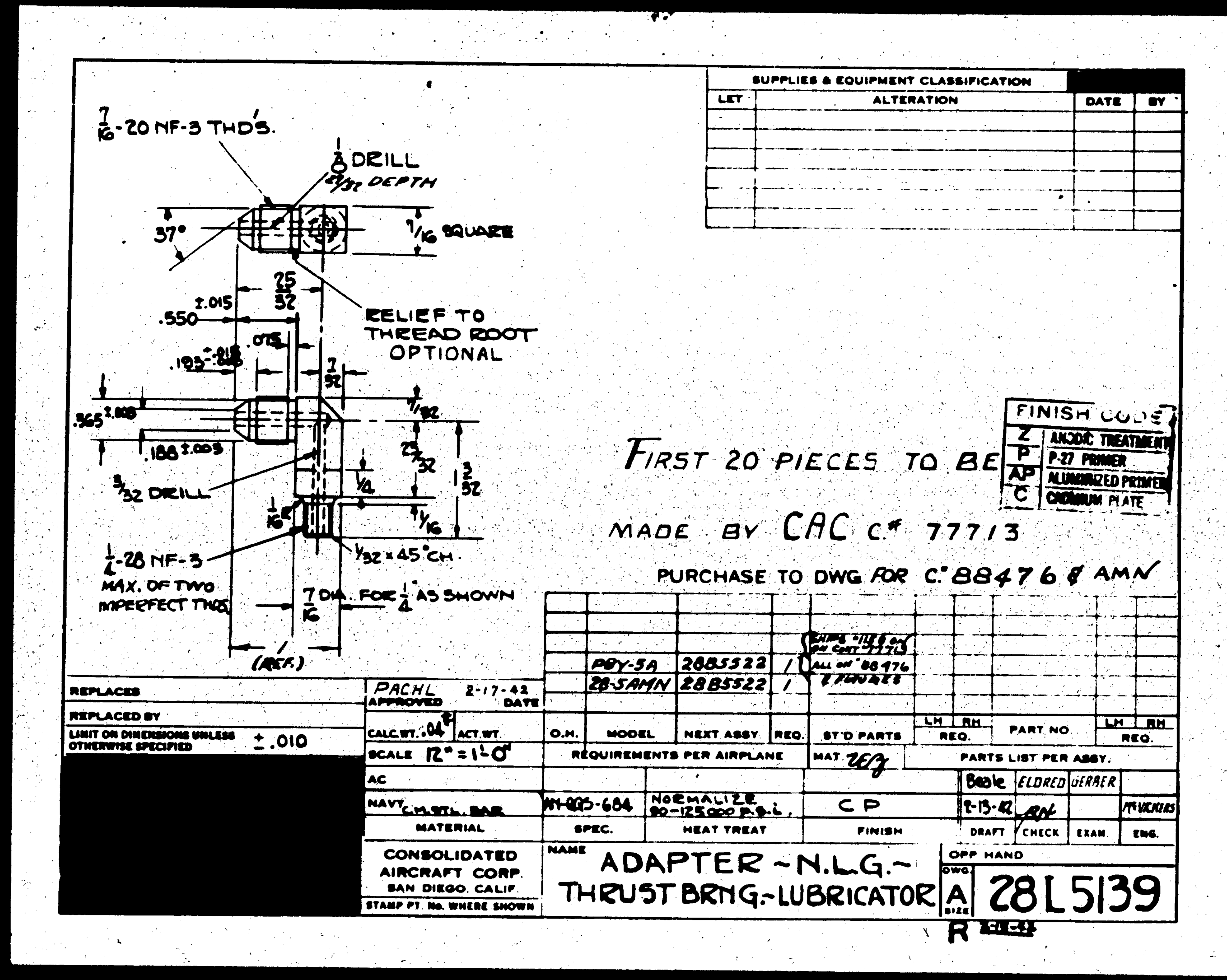
OPP. HAND

DWG. SIZE A 28L5132

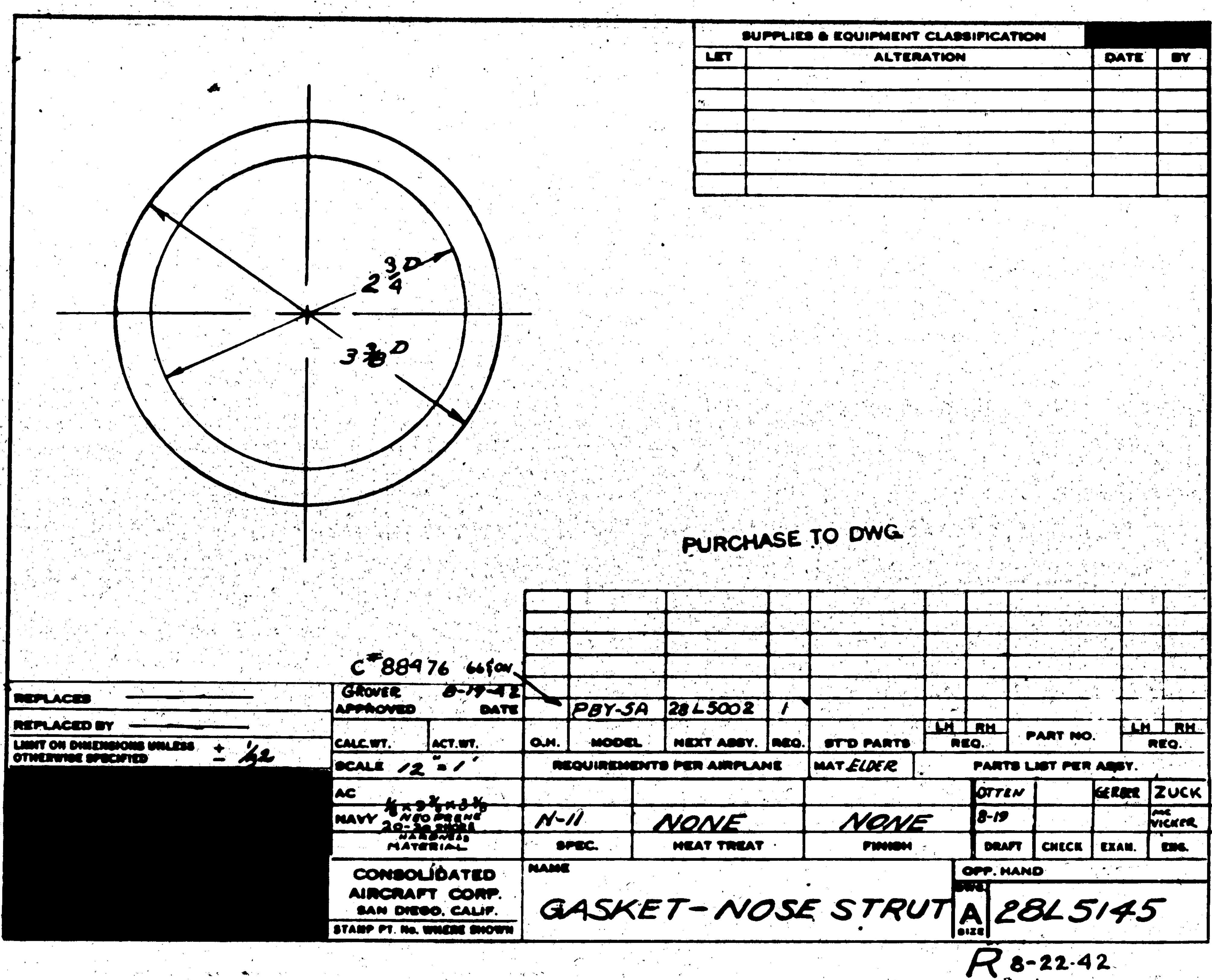
R



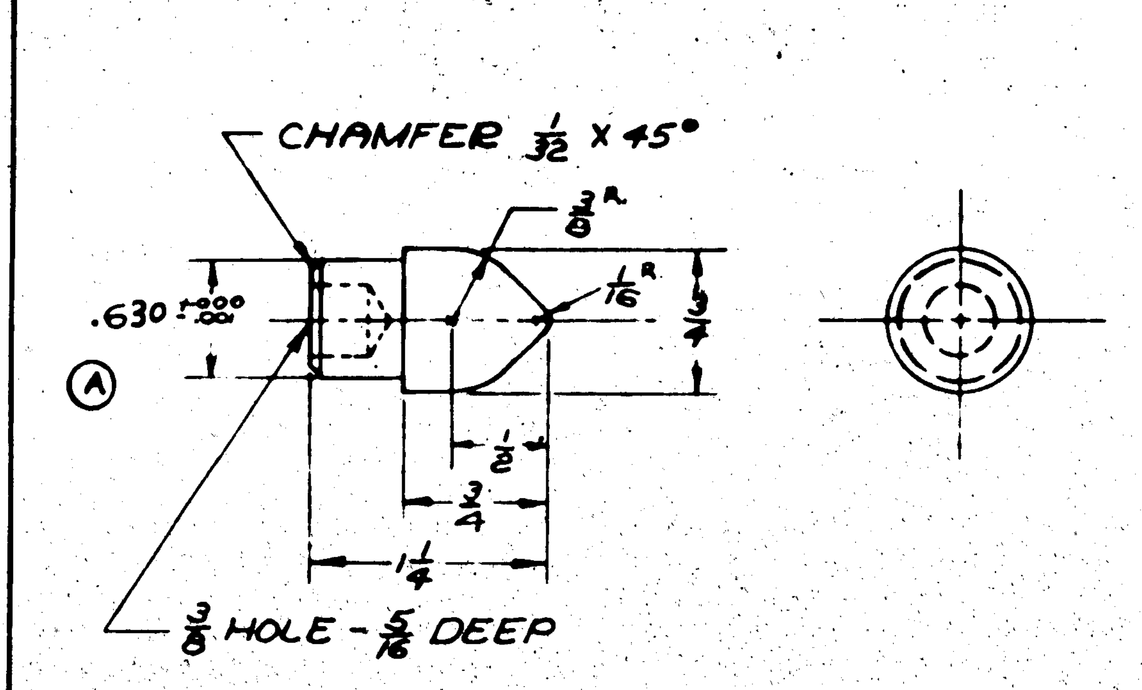
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
M.C.R. 21A
A
ON FACE CH'GED SPEC. FROM "NAVY SPEC. M-339, AC SPEC. 3580" TO "SPEC. AN-VV-0-366A"
4-14-45
B
NO WT. CHG.
6-14-43
1/16 R
SLOT (NOT REQ'D. FOR DECAL)
USE FLUID
SPEC
AN-VV-0-366A
RED COLOR
1/8
1 1/8
3/16
1/4
2 1/4
2 3/4
NOTES:-
1. MATERIAL NOTES:-
A. DECALCOMANIA, A.A.F. SPEC. 14118 WATER SLIP-OFF TYPE, RED LETTERS ON GOLD BACKGROUND.
B. .025 x 1 1/4 x 2 7/8 BRASS SH'T., SPEC. QQ-B-611 COMP. D. STAMP LETTERS & NUMERALS.
2. MAKE LETTERS 1/8, NUMERALS 3/16 AND LINE SPACING 1/8
3. BREAK CORNERS
4. RELEASED PER S.O. 949-46 OF 12-16-41
REPLACED
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
KLEIN 1-1-42
APPROVED
DATE
CALC. WT.
ACT. WT.
SCALE 12" = 1'0"
AC
NAVY NOTED
MATERIAL
PBY-5A
28L5003
2
PBY-5A
28L5002
1
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT. JFR.
PARTS LIST PER ASSY.
Brady
JBH
Gerber
12-26-41
Eldred
McVicker
NOTED
SPEC.
NONE
HEAT TREAT
NONE
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
PLATE-SHOCK STRUT-FLUID-SPEC.
OPP. HAND
A
SIZE
28L5134



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
7/16-20 NF-3 THD'S.
3/8 DRILL
23/32 DEPTH
37°
7/16 SQUARE
25/32
±.015
.550
RELIEF TO
THREAD ROOT
OPTIONAL
.015
.193 +.015 -.005
7/32
.365 ±.005
1/32
.188 ±.005
23/32
1 3/32
3/32 DRILL
1/4
1/16
1/16
1/4-28 NF-3
MAX. OF TWO
IMPERFECT THDS
1/32 × 45° CH.
7/16 DIA. FOR 1/4" AS SHOWN
1 (REF.)
FIRST 20 PIECES TO BE
MADE BY CAC C# 77713
PURCHASE TO DWG FOR C# 88476 & AMN
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5A 28B5522 1
28-5AMN 28B5522 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010
PACHL 2-17-42
APPROVED DATE
CALC. WT. .04#
ACT. WT.
SCALE 12" = 1'-0"
O.H.
MODEL
NEXT ASSY
REQ.
ST'D PARTS
LH RH REQ.
PART NO
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY C.M. STL. BAR
AN-QQS-684
NORMALIZE 90-125000 P.S.I.
C P
Beale ELDRED GERBER
2-13-42
McVICKERS
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
ADAPTER ~ N.L.G. ~
THRUST BRNG. ~ LUBRICATOR
OPP HAND
DWG. A SIZE
28L5139
R



SUPPLIES & EQUIPMENT CLASSIFICATION
[redacted]
LET
ALTERATION
DATE
BY
2 3/4 D
3 3/8 D
PURCHASE TO DWG.
C# 88976 66 for
GROVER 8-19-42
APPROVED DATE
PBY-5A
28L5002
1
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
SCALE 1/2" = 1"
REQUIREMENTS PER AIRPLANE
MAT ELDER
PARTS LIST PER ASSY.
AC
NAVY
NEOPRENE
MATERIAL
N-11
SPEC.
NONE
HEAT TREAT
NONE
FINISH
OTTEN
8-19
DRAFT
CHECK
GERBER
EXAM.
ZUCK
MC VICKER
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
GASKET-NOSE STRUT
OPP. HAND
A
SIZE
28L5145
R 8-22-42



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	.630 +.000 -.001 DIM. WAS .621 +.000 -.001 WT CHG NEG	7-6-43	HENDERSON

APPROVED FOR

TOOLING BY

E. E. Dalton

6-8-43

	28-5AMN	28L5088-2	1						
	PBY-5A	28L5088-0	1						
	28-5AMC	28L5088-0	1						
O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES 28L 5088-7

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED 6-11-43 DATE

CALC. WT. .086 — ACT. WT.

SCALE 12" = 1'-0"

MAT.

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY 7/8 DIA X 1 1/2 STEEL ROD X4130	AN-QQ5684	SEE NEXT ASSY	SEE NEXT ASSY	5-5-43			

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME: END-M.L.G. EMERGENCY DOWNLATCHING ROD.

OPP. HAND NONE

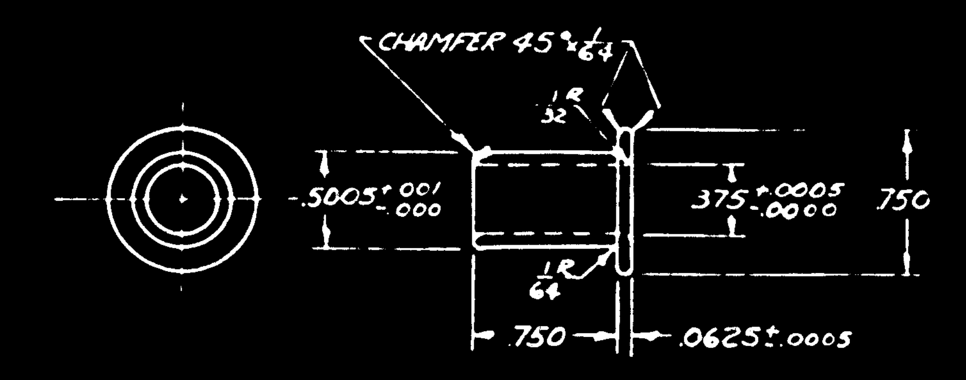
DWG. SIZE A — 28L5147

R

28L5147

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY



NOTE:
TO LINE REAM TO .375 +.0005 -.0000
AFTER ASSY.

MCR 302-147

	MODEL	NEXT ASSY.	REQ.
	28-5AMC	28L5056	4
	28-5AMN	28L5056	4
	PBY5A	28L5056	4
	28-5AMC	28L5055	4
	28-5AMN	28L5055	4
	PBY5A	28L5055	4
O.H.	MODEL	NEXT ASSY.	REQ.

ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED DATE

.02 CALC.WT. | ACT.WT.

SCALE 12" = 1'-0"

AC 3/4 DIA. x 15/16 CORR RES STL ROD | AN-QQ-S-771 | NONE | NONE | LAWSON 1-29-43 | METTLER | KURL CASSIG

MATERIAL | SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM | ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

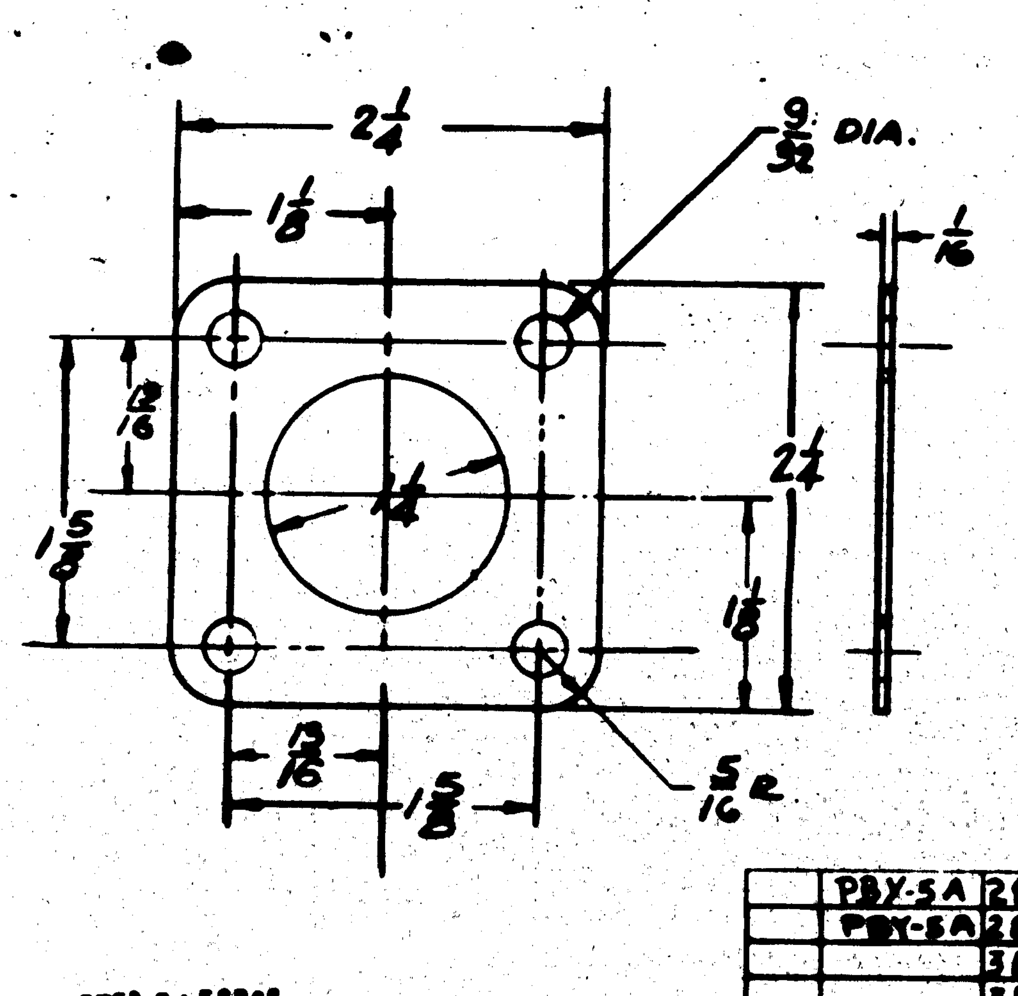
STAMP PT. No. WHERE SHOWN

NAME BUSHING - NOSE L.G. SCISSORS

OPP. HAND

DWG. A SIZE 28L5151

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



MATERIAL:- 1/16 THICK NEOPRENE

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	RH REQ.	LH REQ.	PART NO.	RH REQ.	LH REQ.
	PBY-5A	28L5003	4						
	PBY-5A	28L5004	2						
		31H004	2						
		31H003	1						
		31H005	4						
		31L002	2						
	31	31L006	2						

REQUIREMENTS PER AIRPLANE — PARTS LIST FOR ASSY.

WAS OBSOLETED BY ERROR

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

NOTICE IS HEREBY GIVEN THAT THIS DRAWING IS PART OF THE PROPRIETARY ARTICLE, OWNED BY CONSOLIDATED AIRCRAFT CORPORATION [illegible] CONSOLIDATED AIRCRAFT CORPORATION [illegible]

APPROVED — DATE

CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

MAT. —

AC

NAVY NOTED — COMM.

MATERIAL	SPEC.	HEAT TREAT	FINISH
NOTED	COMM.	—	—

DRAFT	CHECK	EXAM.	ENG.
12-14-38	12-21-38	WH	
WINTER	ELORE	1/29/39	1/23

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

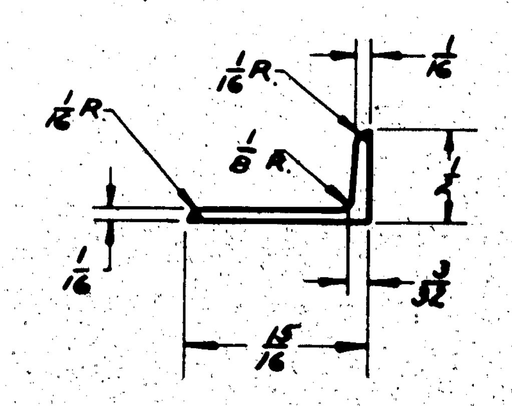
STAMP PT. NO. WHERE SHOWN

NAME: GASKET - FLOAT - LATCH JACK

OPP. HAND

SIZE A — 31L037

SUPPLIES & EQUIPMENT CLASSIFICATION		[redacted]	
LET	ALTERATION	DATE	BY
A	TRACED	2-17-38	Spacy



MAT'L : BLACK RUBBER EXTRUSION
SPEC. : 33R1 - 45 SHORE.

COMPOUNDED FOR LONG SERVICE.
THIS SECTION WILL BE EXPOSED
TO ELEMENTS & SALT WATER.

PARTS MAY BE PURCHASED FROM
KIRKHILL RUBBER CO., LOS ANGELES,
CAL.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

LCW 2-17-38
APPROVED DATE

.00385 S.H.A.
CALC. WT. ACT. WT. O. H.

12" = 1'-0"
SCALE

MODEL	NEXT ASSY.	REQ
PBY-4	28B2350	
PBY-3	28B2350	
PBY-2	28B2350	

REQUIREMENTS PER AIRPLANE

ST'D PARTS | LH RH REQ | PART NO | MAT | PARTS LIST PER ASSY | LH RH REQ | LH RH REQ | LH RH REQ | LH RH REQ | LH RH REQ

[redacted]

A C							
NAVY NOTED	NOTED	———	———	S.Wm N. 10-22-36		H.W.H.	R.
MATERIAL	SPEC	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM	ENG

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME SEAL - HULL - PILOT'S HATCH WATER

OPP. HAND

DWG SIZE A

M-1340

PRINTED ON "IMPERIAL" TRACING CLOTH
K & E CO., N.Y.

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]			
LET	ALTERATION	DATE	BY

$\frac{3}{8}$

$\frac{1}{16}$

$\frac{1}{16}$

$\frac{7}{8}$

SCHLEGEL LINED

RUBBER EXTRUSION
(SAME AS NOW SUPPLIED
IN SECTION 22F135)

Standard Section

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. (LH / RH)	PART NO.	REQ. (LH / RH)

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED	DATE
CALC. WT.	ACT. WT.
SCALE 9/8" = 1'0"	

AC				
NAVY				
MATERIAL	SPEC.	HEAT TREAT	FINISH	

DRAFT	CHECK	EXAM.	ENG.
[illegible]			
[illegible]			

CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.

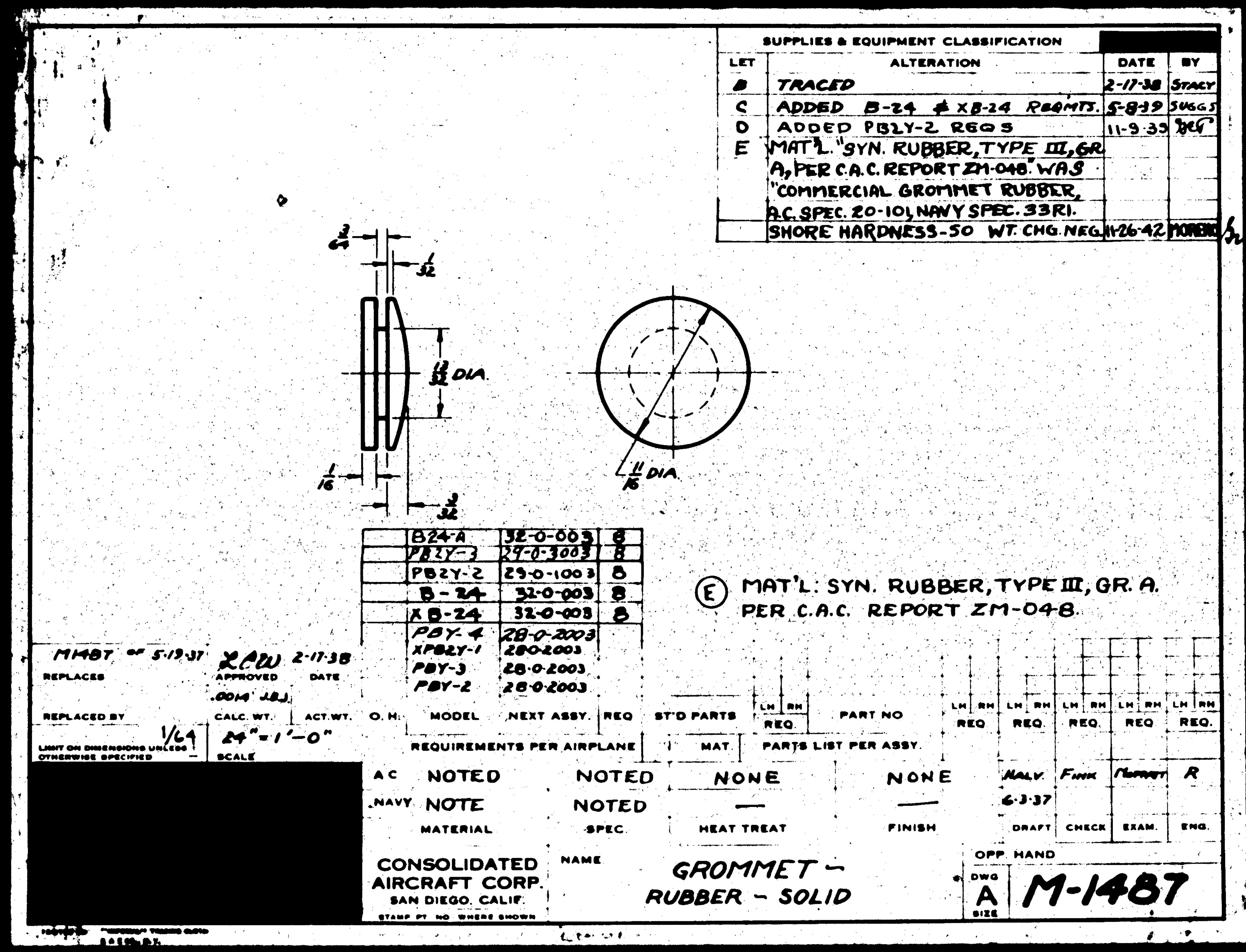
STAMP PT No. WHERE SHOWN

NAME RUBBER SECTION - SCHLEGEL LINED - FOR SLIDING HATCHES

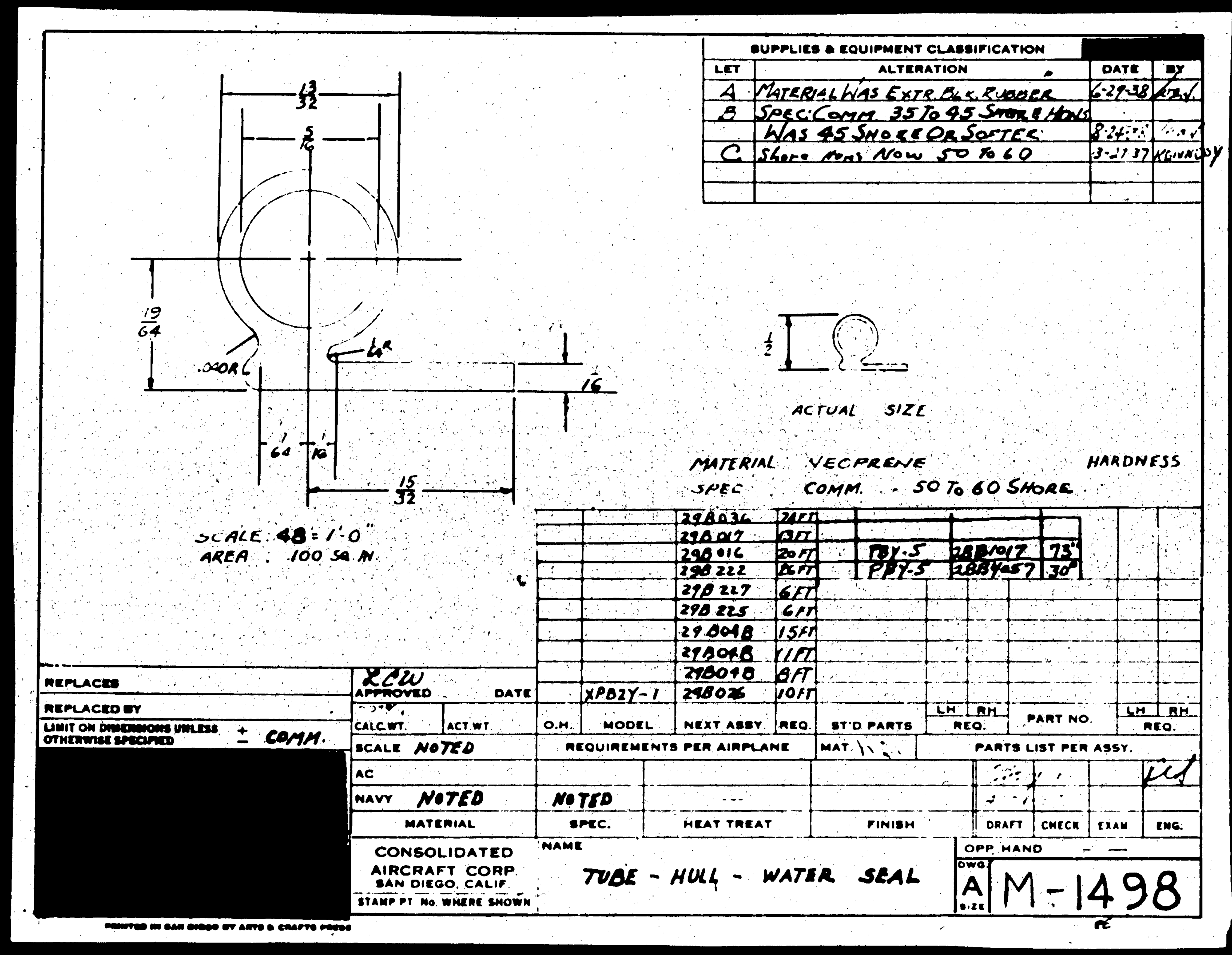
OPP. HAND

DWG. SIZE A

M-1415



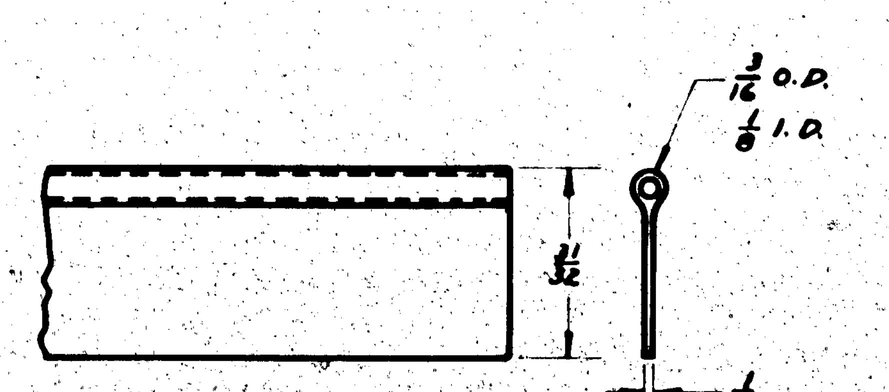
SUPPLIES & EQUIPMENT CLASSIFICATION
[redacted]
LET | ALTERATION | DATE | BY
B TRACED 2-17-38 STACY
C ADDED B-24 & XB-24 REQMTS. 5-8-39 SUGGS
D ADDED PB2Y-2 REQS 11-9-39
E MAT'L "SYN. RUBBER, TYPE III, GR A, PER C.A.C. REPORT ZM-048" WAS "COMMERCIAL GROMMET RUBBER, A.C. SPEC. 20-101, NAVY SPEC. 33R1. SHORE HARDNESS-50 WT. CHG. NEG. 11-26-42 MORENO
3/64
1/32
13/32 DIA.
1/16
3/32
11/16 DIA.
B24-A 32-0-003 8
PB2Y-3 29-0-3003 8
PB2Y-2 29-0-1003 8
B-24 32-0-003 8
XB-24 32-0-003 8
PBY-4 28-0-2003
XPB2Y-1 28-0-2003
PBY-3 28-0-2003
PBY-2 28-0-2003
(E) MAT'L: SYN. RUBBER, TYPE III, GR. A. PER C.A.C. REPORT ZM-048.
M1487 OF 5-19-37
REPLACES
LCW
APPROVED
2-17-38
DATE
.0014 LBS.
REPLACED BY
CALC. WT.
ACT. WT.
O. H.
MODEL
NEXT ASSY.
REQ
ST'D PARTS
LH RH REQ.
PART NO
LH RH REQ
LH RH REQ.
LH RH REQ.
LH RH REQ
LH RH REQ.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED 1/64
24" = 1'-0"
SCALE
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
[redacted]
AC NOTED NOTED NONE NONE
NAVY NOTE NOTED — —
MATERIAL
SPEC.
HEAT TREAT
FINISH
6-3-37
DRAFT
CHECK
EXAM.
ENG.
R
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME
GROMMET — RUBBER — SOLID
OPP. HAND
DWG A SIZE
M-1487



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A MATERIAL WAS EXTR. BLK. RUBBER 6-29-38
B SPEC: COMM 35 TO 45 SHORE HONS
WAS 45 SHORE OR SOFTER
C Shore Hons Now 50 To 60
13/32
5/16
19/64
.040R
1/16
1/64
1/16
15/32
1/2
ACTUAL SIZE
SCALE 48 = 1'-0"
AREA .100 SQ. IN.
MATERIAL NEOPRENE
HARDNESS
SPEC COMM. - 50 To 60 SHORE
29B036 24FT
29B017 13FT
29B016 20FT
29B222 16FT
29B227 6FT
29B225 6FT
29B048 15FT
29B048 11FT
29B048 8FT
XPB2Y-1 29B026 10FT
PBY-5 28B1017 73"
PBY-5 28B4057 30"
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± COMM.
LCW
APPROVED
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE NOTED
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
TUBE - HULL - WATER SEAL
OPP. HAND
DWG.
A
SIZE
M-1498
PRINTED IN SAN DIEGO BY ARTS & CRAFTS PRESS

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]

LET	ALTERATION	DATE	BY
A	TRACED	2-17-38	Smcy
B	ADDED -2 ASSY TO CALL OUT SECTION IN NEOPRENE	1-30-42	[illegible]



Ⓑ MATERIAL
FOR -2 ASSY. ONLY
NEOPRENE

MATERIAL
FOR -0 ASSY. ONLY
MAKE FROM COMMERCIAL RUBBER COMPOUNDED TO RESIST SALT WATER AND ADHESION IN COMPRESSION.
60 TO 70 SHORE.

MAY BE PURCHASED FROM
KIRKHILL RUBBER CO.
LOS ANGELES, CAL.

SEE MATERIALS GROUP

MODEL	NEXT ASSY.
PBY-4	28W3017
PBY-3	28W3017
PBY-2	28W2017

REPLACES

APPROVED: LCW — DATE: 2-17-38

REPLACED BY

CALC. WT.: .0026 #/in. — ACT. WT.

O. H. — MODEL — NEXT ASSY. — REQ. — ST'D PARTS — LH RH REQ. — PART NO — LH RH REQ. — LH RH REQ. — LH RH REQ. — LH RH REQ. — LH RH REQ.

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY. -0 -2

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

SCALE: 12" = 1'-0"

[redacted]

	MATERIAL	SPEC	HEAT TREAT	FINISH
A C				
NAVY	NOTED	33R1	—	—

DRAFT	CHECK	EXAM.	ENG.
K.Nelson 5-15-37		Moffatt	R

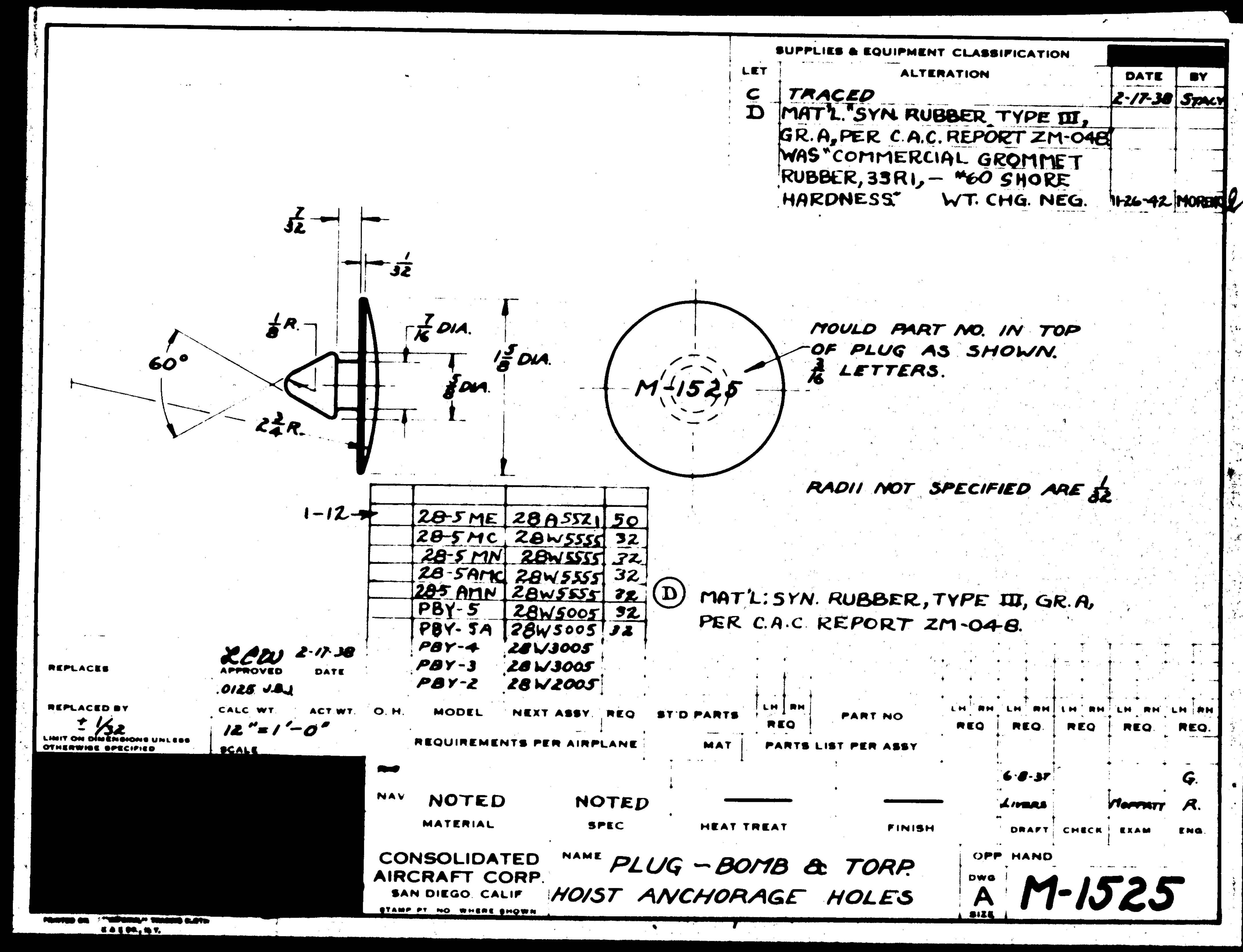
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT NO WHERE SHOWN

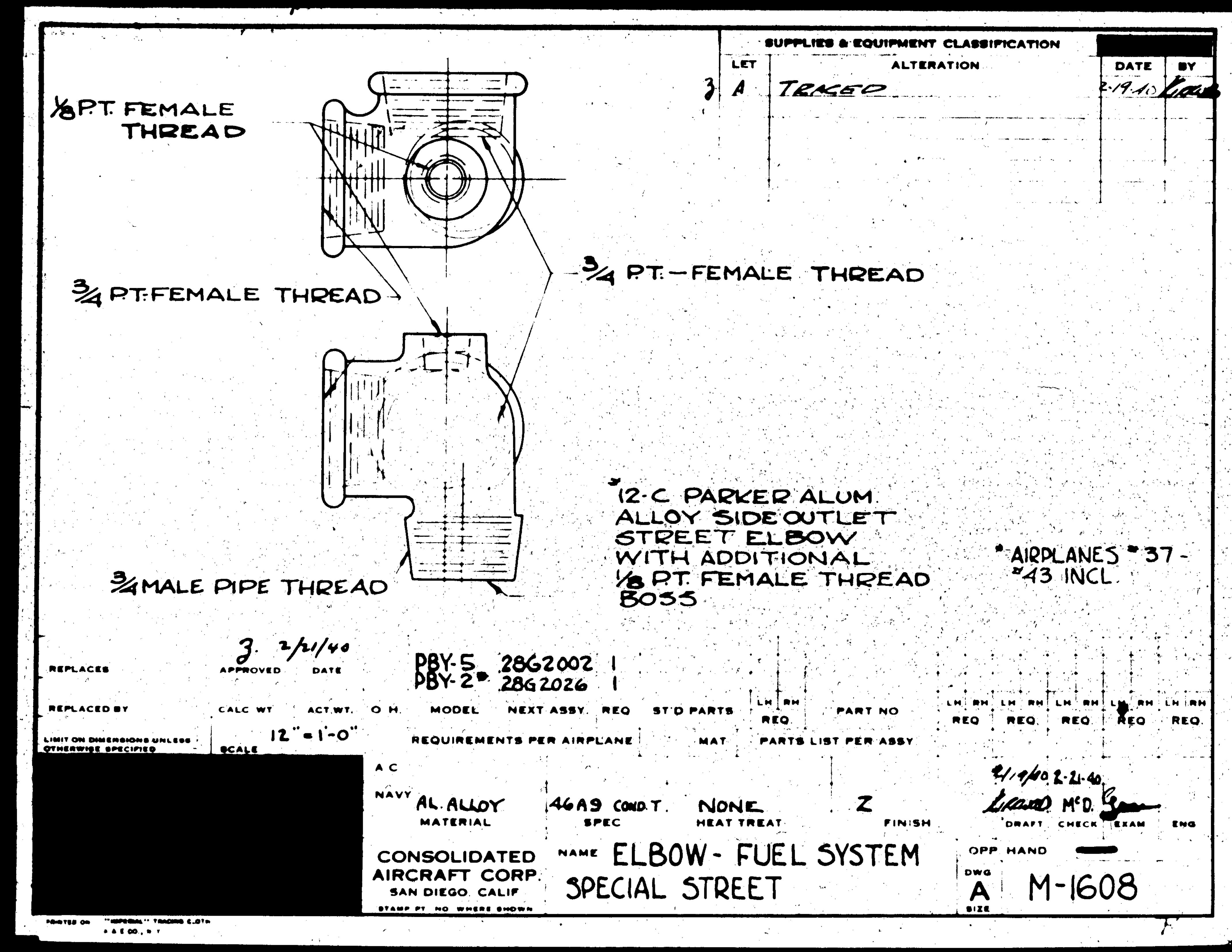
NAME: BULB SECTION - LEADING EDGE - DOOR SEAL

OPP. HAND

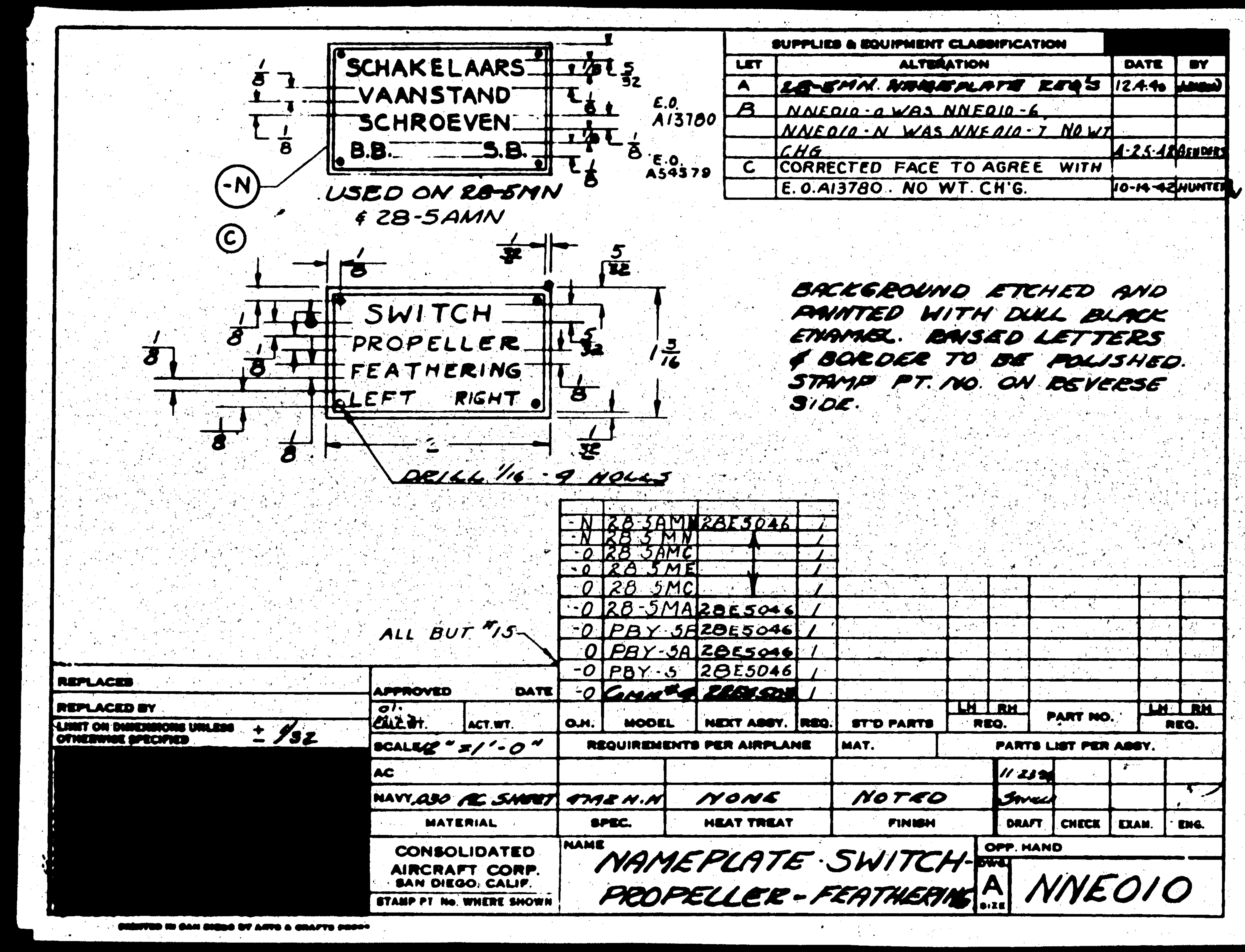
DWG SIZE: A

M1515


SUPPLIES & EQUIPMENT CLASSIFICATION
[redacted]
LET
ALTERATION
DATE
BY
C TRACED 2-17-38 STACY
D MAT'L."SYN. RUBBER TYPE III, GR.A, PER C.A.C. REPORT ZM-048" WAS "COMMERCIAL GROMMET RUBBER, 33R1, - #60 SHORE HARDNESS" WT. CHG. NEG. 11-26-42 MORE
7/32
1/32
1/8 R.
60°
2 3/4 R.
7/16 DIA.
5/8 DIA.
1 5/8 DIA.
M-1525
MOULD PART NO. IN TOP OF PLUG AS SHOWN. 3/16 LETTERS.
RADII NOT SPECIFIED ARE 1/32
1-12
28-5ME 28A5521 50
28-5MC 28W5555 32
28-5MN 28W5555 32
28-5AMC 28W5555 32
28-5AMN 28W5555 32
PBY-5 28W5005 32
PBY-5A 28W5005 32
PBY-4 28W3005
PBY-3 28W3005
PBY-2 28W2005
D MAT'L: SYN. RUBBER, TYPE III, GR.A, PER C.A.C. REPORT ZM-048.
REPLACES
LCW 2-17-38
APPROVED DATE
.0125 J.B.J.
REPLACED BY
± 1/32
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
CALC WT. ACT WT. O.H.
12" = 1'-0"
SCALE
MODEL NEXT ASSY. REQ
REQUIREMENTS PER AIRPLANE
ST'D PARTS
LH RH REQ
PART NO
MAT
PARTS LIST PER ASSY
LH RH REQ
LH RH REQ
LH RH REQ
LH RH REQ
LH RH REQ
[redacted]
NAV
NOTED
MATERIAL
NOTED
SPEC
HEAT TREAT
FINISH
6-8-37
LIVERS
MOFFATT
G. R.
DRAFT CHECK EXAM ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF
STAMP PT. NO. WHERE SHOWN
NAME PLUG - BOMB & TORP. HOIST ANCHORAGE HOLES
OPP HAND
DWG A SIZE
M-1525



SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]
LET
ALTERATION
DATE
BY
A TRACED 2-19-40
1/8 P.T. FEMALE THREAD
3/4 P.T. FEMALE THREAD
3/4 P.T. – FEMALE THREAD
3/4 MALE PIPE THREAD
*12-C PARKER ALUM. ALLOY SIDE OUTLET STREET ELBOW WITH ADDITIONAL 1/8 P.T. FEMALE THREAD BOSS
*AIRPLANES #37 - #43 INCL.
REPLACES
APPROVED
DATE 2/21/40
PBY-5 28G2002 1
PBY-2* 28G2026 1
REPLACED BY
CALC WT
ACT. WT.
O H.
MODEL
NEXT ASSY.
REQ
ST'D PARTS
LH RH REQ.
PART NO
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
SCALE 12" = 1'-0"
[redacted]
A C
NAVY
AL. ALLOY
MATERIAL
46A9 COND. T.
SPEC
NONE
HEAT TREAT
Z
FINISH
2/19/40 2-21-40
McD.
DRAFT
CHECK
EXAM
ENG
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME ELBOW - FUEL SYSTEM SPECIAL STREET
OPP. HAND
DWG SIZE A
M-1608
PRINTED ON "IMPERIAL" TRACING CLOTH



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | 28-5MN NAMEPLATE REQ'S | 12-4-40
B | NNE010-0 WAS NNE010-6, NNE010-N WAS NNE010-7 NO WT CHG | 4-25-42
C | CORRECTED FACE TO AGREE WITH E.O. A13780. NO WT. CH'G. | 10-14-42 | HUNTER
SCHAKELAARS
VAANSTAND
SCHROEVEN
B.B. S.B.
E.O. A13780
E.O. A54379
-N
USED ON 28-5MN & 28-5AMN
C
SWITCH
PROPELLER
FEATHERING
LEFT RIGHT
DRILL 1/16 - 4 HOLES
BACKGROUND ETCHED AND PAINTED WITH DULL BLACK ENAMEL. RAISED LETTERS & BORDER TO BE POLISHED. STAMP PT. NO. ON REVERSE SIDE.
ALL BUT #15
-N 28-5AMN 28E5046 1
-N 28-5MN 1
-0 28-5AMC 1
-0 28-5ME 1
-0 28-5MC 1
-0 28-5MA 28E5046 1
-0 PBY-5B 28E5046 1
0 PBY-5A 28E5046 1
-0 PBY-5 28E5046 1
-0 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED DATE
CALC. WT. ACT. WT.
O.H. MODEL NEXT ASSY. REQ.
ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 2" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY .030 AL SHEET
NONE
NOTED
11-28-40
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT No. WHERE SHOWN
NAME NAMEPLATE - SWITCH - PROPELLER - FEATHERING
OPP. HAND
DWG A SIZE
NNE010

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]

LET	ALTERATION	DATE	BY
A	WAS NNE ... NNE ...		
B	CHANGED NAMEPLATE FROM ETCHED TO FLUORESCENT TYPE.	10-15-40	MASON
C	ADDED REQMTS FOR PBY5A	10-16-40	MASON

WHEEL DOOR LOCKED

WHEELS DOWN

WHEELS UP

LETTERS TO BE RECESSED AND FILLED WITH PALE GREEN FLUORESCENT LACQUER (#10 U.S. RADIUM CO. OR EQUIV.) BACKGROUND FINISHED DULL BLACK

STAMP PART NO. ON REVERSE SIDE.

123	PBY-5A	28F50032	1 EA
	PBY-5A		
	PBY-5A		
	PBY-5A		
O.H.	MODEL	NEXT ASSY	REQ

REQUIREMENTS PER AIRPLANE

ST'D PARTS | LH | RH | REQ | PART NO. | LH | RH | REQ.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

APPROVED | DATE

CALC WT | ACT WT

SCALE

AC

NAVY

MATERIAL | SPEC | HEAT TREAT | FINISH | MAT

DRAFT | CHECK | EXAM | ENG.

[redacted]

CONSOLIDATED AIRCRAFT CORP
SAN DIEGO CALIF

STAMP PT No WHERE SHOWN

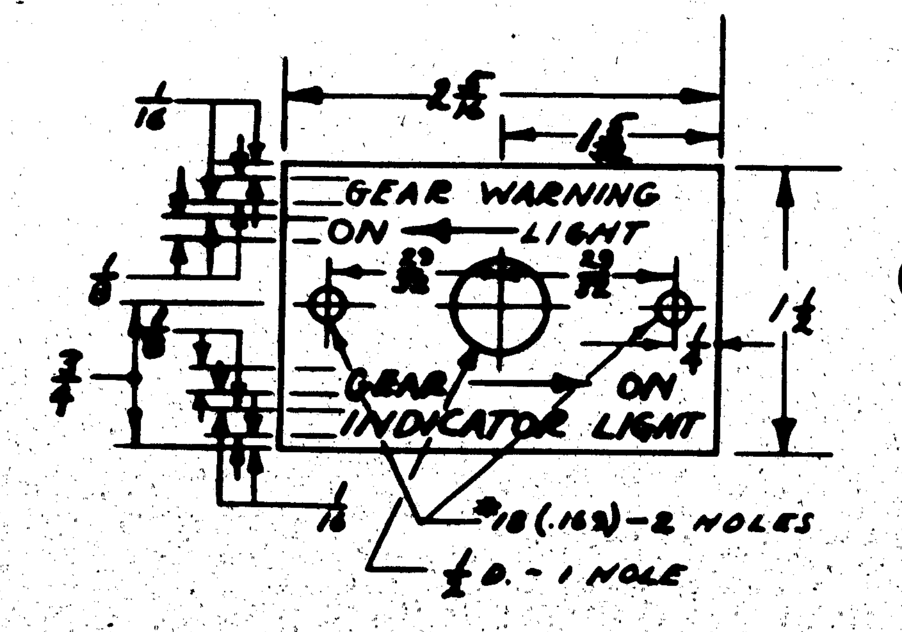
NAME NAMEPLATE - ELEC. INDICATOR LIGHTS

OPP HAND

DWG A SIZE WNE 036

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	CHANGED NAMEPLATE FROM ETCHED TO FLUORESCENT TYPE.	[illegible]	[illegible]
B	ADDED PBY5A REQMTS.	[illegible]	[illegible]



Ⓐ

LETTERS TO BE RECESSED AND FILLED WITH PALE GREEN FLUORESCENT LACQUER (# Z-10 U.S. RADIUM CO. OR EQUIV.)

BACKGROUND FINISHED IN DULL BLACK.

STAMP PART NO. ON REVERSE SIDE.

	PBY-5A	28F5003-2	1				
	XPBY-5A	28F4003	1				
O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ. (LH / RH)	PART NO.	REQ. (LH / RH)
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.		

REPLACED	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32

[illegible] APPROVED	10/26/39 DATE	
CALC. WT.	ACT. WT.	
SCALE	12" = 1'-0"	
AC		
NAVY .030 AL. SHT.		
MATERIAL		

47A2 B.H.	NONE	NOTED	
SPEC.	HEAT TREAT	FINISH	

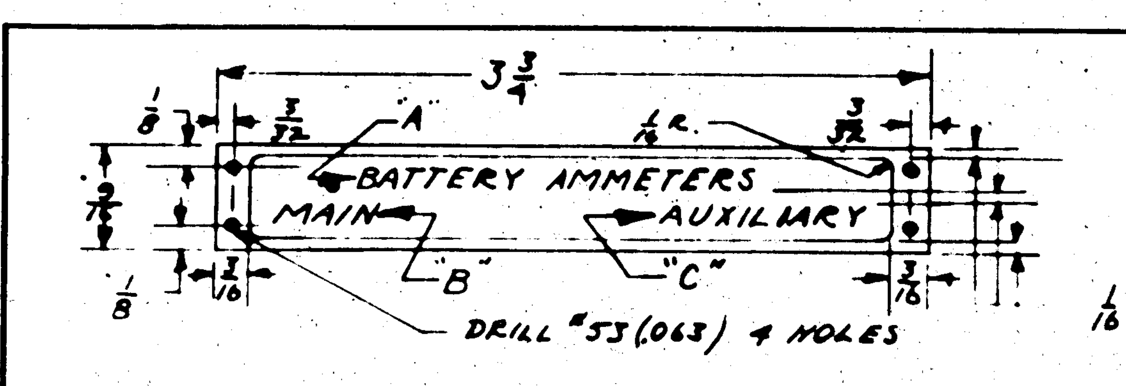
DRAFT	CHECK	EXAM.	ENG.
[illegible] 10/20/39	[illegible] 10/25/39	[illegible]	[illegible]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME: NAMEPLATE ~ ELEC. ~ INDICATOR SWITCH

OPP. HAND NONE

SIZE A — NNE039



SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]			
LET	ALTERATION	DATE	BY

LETTERS TO BE 1/8 HIGH. LETTERS & BORDER TO BE RAISED.
BACKGROUND ETCHED AND FINISHED WITH DULL BLACK LACQUER.
STAMP PART NO ON REVERSE SIDE.

DASH NO.	"A"	"B"	"C"
-1	AS	SHOWN	
-2	BATTERY SWITCHES	MAIN	AUXILIARY

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
-1	PBY-5B	28E6258	1						
-2	PBY-5B	28E6258	1						
-2	PBY-5A	28E4011	1						
-1	PBY-5A	28E4011	1						
-2	PBY-5	28E4011-550	1						
-1	PBY-5	28E4011-550	1						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED 3. DATE

CALC. WT. .006 — ACT. WT.

SCALE 12" = 1'-0"

MAT. H

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY .030 AL. SH'T.	A7A2 H.H.	None	Noted	4/11/39	4/4/39		

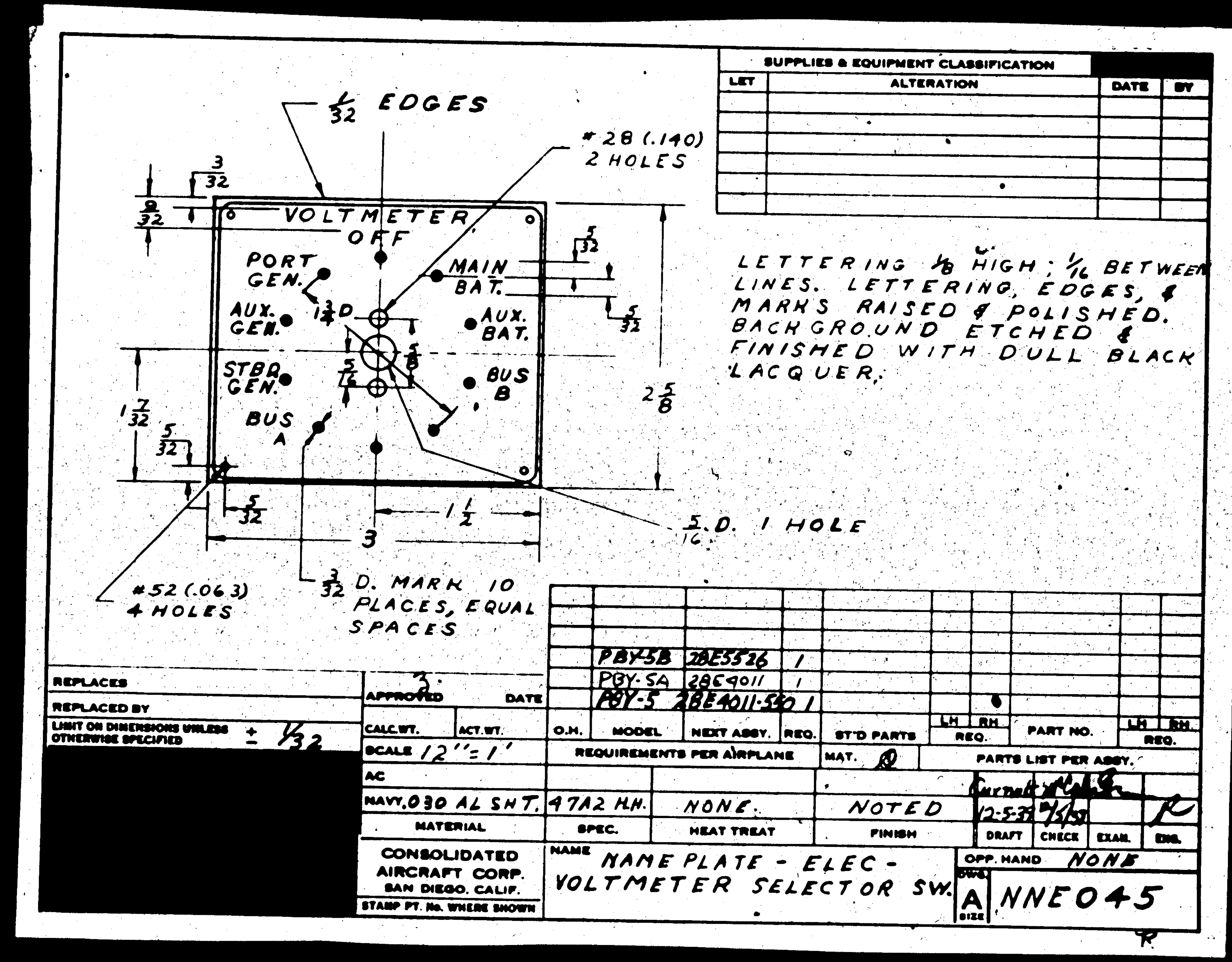
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

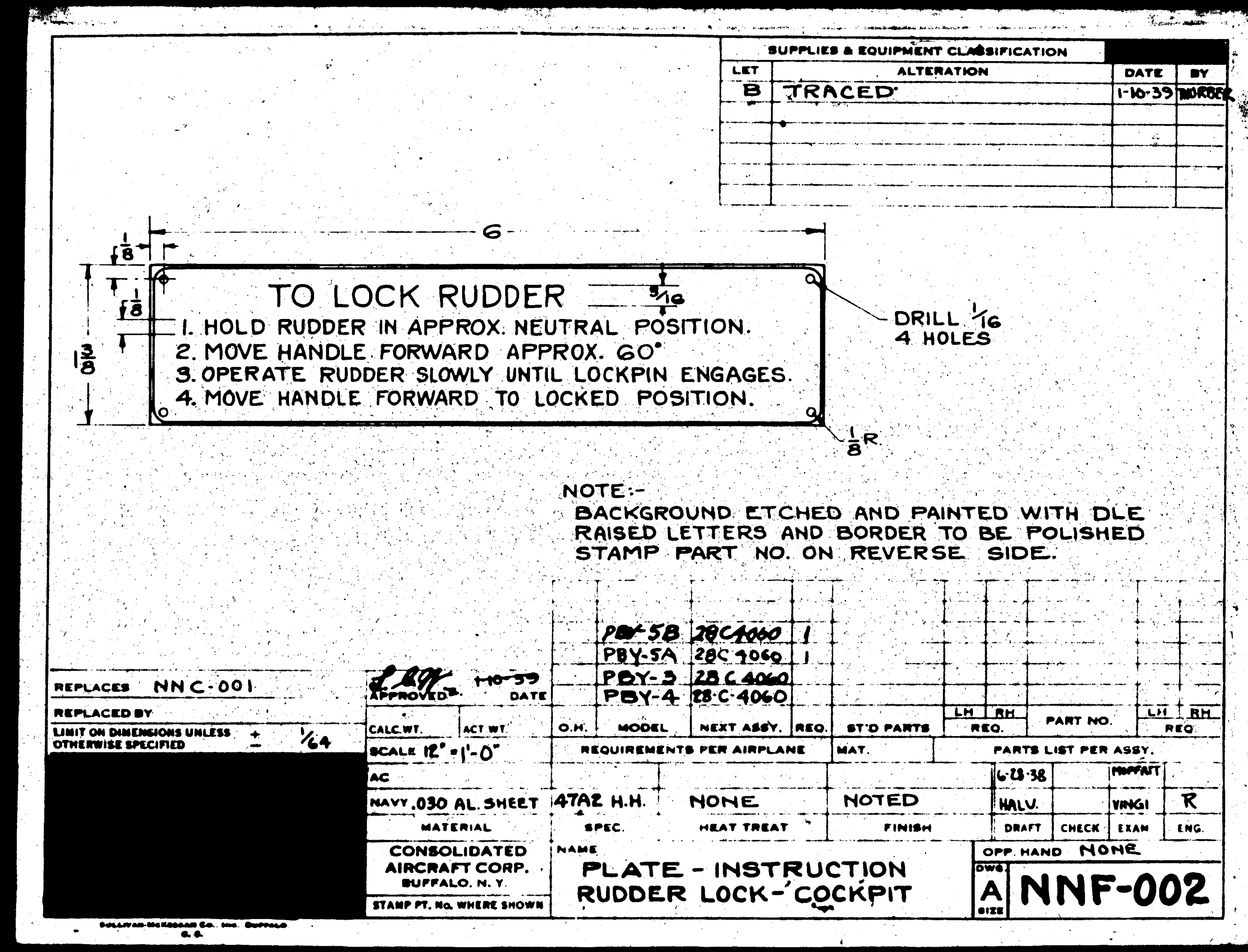
NAME: NAMEPLATE - ELEC. - DISTRIBUTION PANEL

OPP HAND None

DWG. SIZE A — NNE044

R


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1/32 EDGES
#28 (.140)
2 HOLES
3/32
9/32
VOLTMETER
OFF
PORT GEN.
MAIN BAT.
AUX. GEN.
AUX. BAT.
STBD. GEN.
BUS B
BUS A
1/2 D
5/8
5/16
5/32
1 7/32
2 5/8
1 1/2
3
5/16 D. 1 HOLE
#52 (.063)
4 HOLES
3/32 D. MARK 10 PLACES, EQUAL SPACES
LETTERING 1/8 HIGH; 1/16 BETWEEN LINES. LETTERING, EDGES, & MARKS RAISED & POLISHED. BACKGROUND ETCHED & FINISHED WITH DULL BLACK LACQUER.
PBY-5B 28E5526 1
PBY-5A 28E4011 1
PBY-5 28E4011-530 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
SCALE 12" = 1'
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY .030 AL SHT.
47A2 H.H.
NONE
NOTED
12-5-39
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
NAME PLATE - ELEC - VOLTMETER SELECTOR SW.
OPP. HAND NONE
DWG.
A
SIZE
NNE045



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
1-10-39
6
1/8
1/8
5/16
1 3/8
TO LOCK RUDDER
1. HOLD RUDDER IN APPROX. NEUTRAL POSITION.
2. MOVE HANDLE FORWARD APPROX. 60°
3. OPERATE RUDDER SLOWLY UNTIL LOCKPIN ENGAGES.
4. MOVE HANDLE FORWARD TO LOCKED POSITION.
DRILL 1/16
4 HOLES
1/8 R.
NOTE:-
BACKGROUND ETCHED AND PAINTED WITH DLE
RAISED LETTERS AND BORDER TO BE POLISHED
STAMP PART NO. ON REVERSE SIDE.
PBY-5B 28C4060 1
PBY-5A 28C 4060 1
PBY-3 28C 4060
PBY-4 28-C-4060
REPLACES NNC-001
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + - 1/64
APPROVED
1-10-39
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
6-28-38
NAVY .030 AL. SHEET
47A2 H.H.
NONE
NOTED
HALV.
VINGI
R
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
PLATE - INSTRUCTION
RUDDER LOCK - COCKPIT
OPP. HAND NONE
DWG. A SIZE
NNF-002

LET	ALTERATION	DATE	BY
SUPPLIES & EQUIPMENT CLASSIFICATION			
A	TRACED	1-10-39	THURBER

NOTE: BACKGROUND ETCHED AND PAINTED WITH DULL BLACK ENAMEL. RAISED LETTERS AND BORDER TO BE POLISHED.- STAMP PART NO. ON REVERSE SIDE.

PBY-3 S.O. #926-92

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28B4041	1
	PBY-5A	28B4041	1
	PBY-3	28B4041	
	PBY-4	28B4041	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED: L.L.W. DATE: 1-10-39

CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY .030 AL. SHEET	47A2 H.H.	NONE	NOTED

DRAFT	CHECK	EXAM	ENG.
7-14-38	7-15-38		
SONNTAG	STANDLEY	MOFFATT	R.

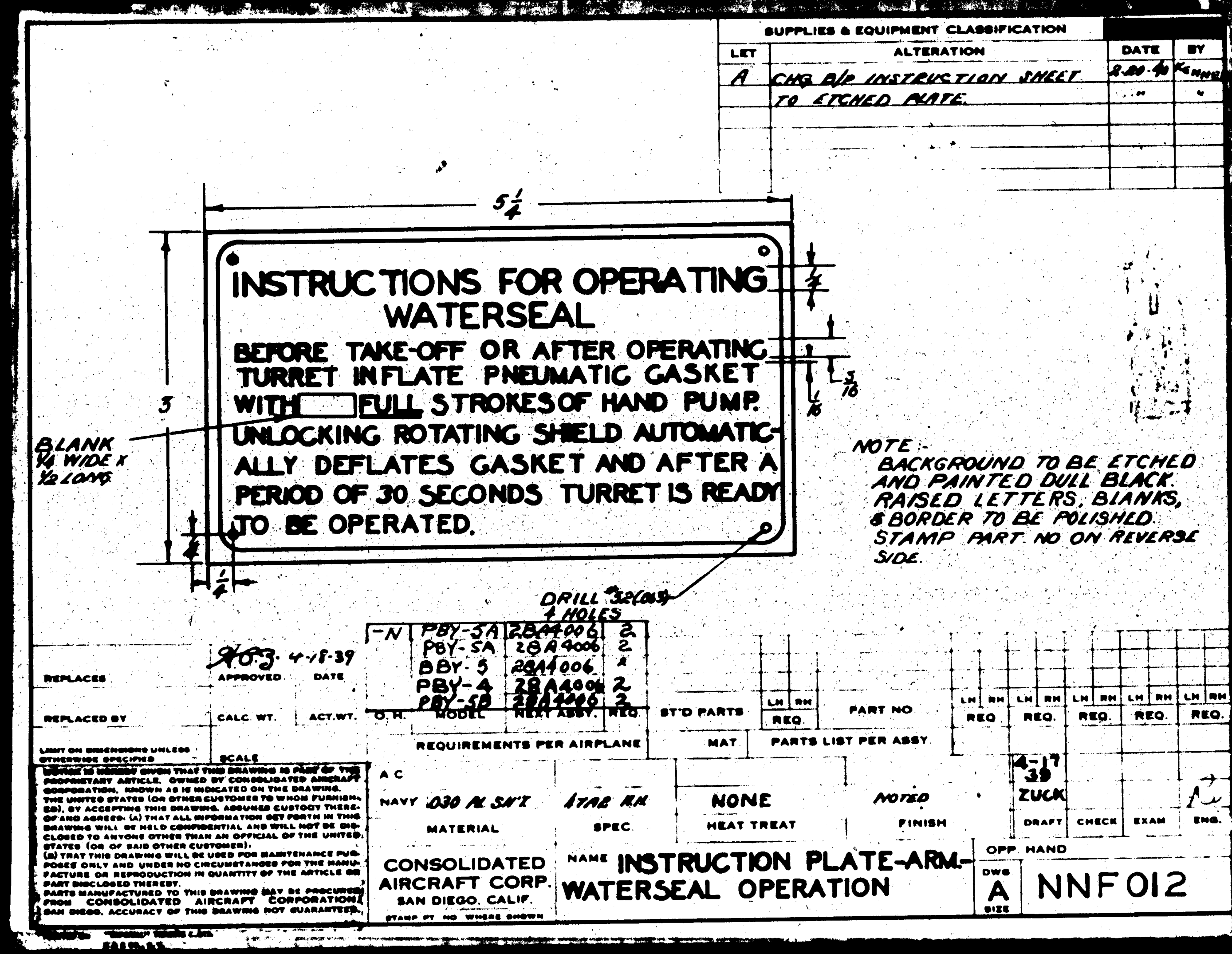
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

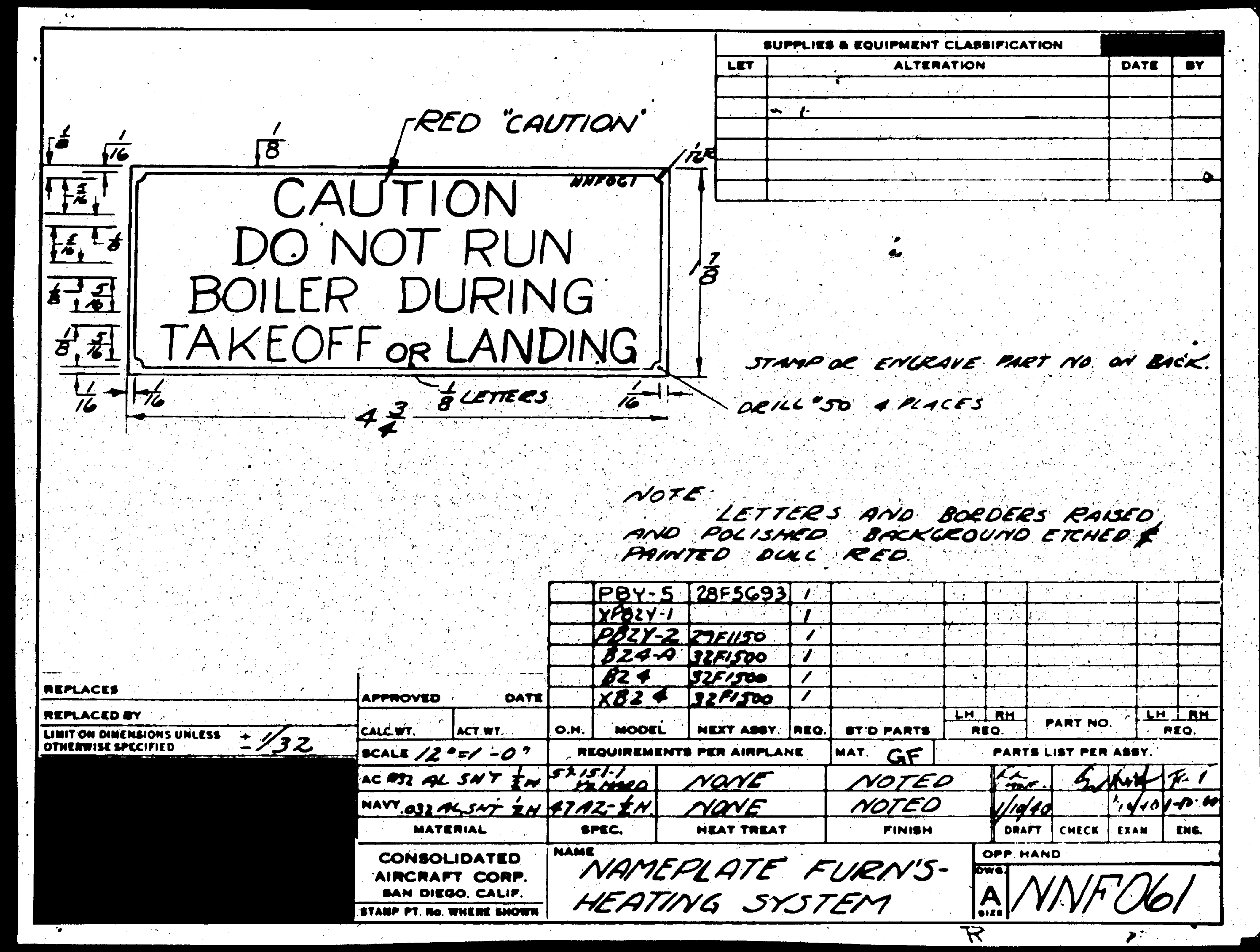
STAMP PT. NO. WHERE SHOWN

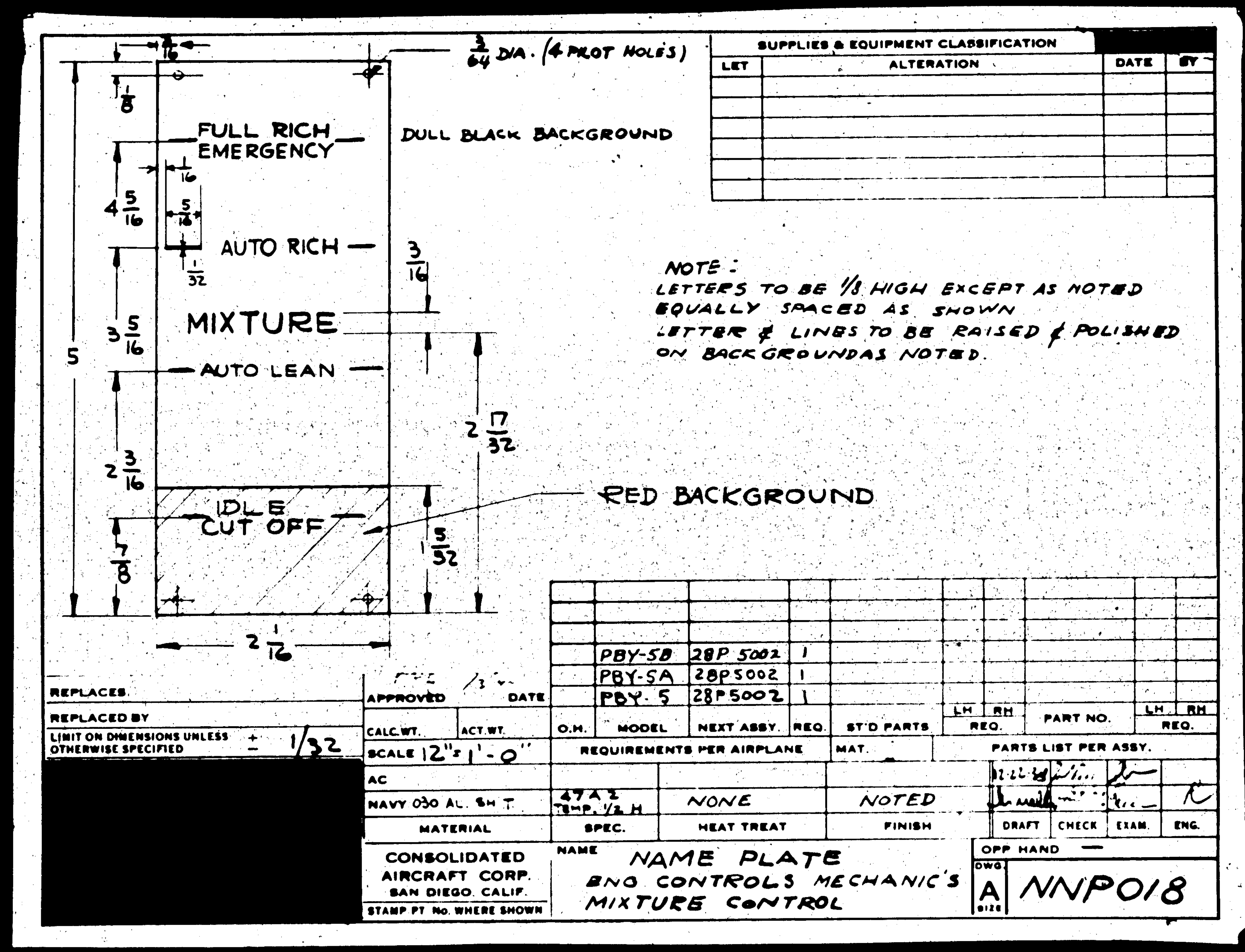
NAME: PLATE - INSTRUCTION WATERSEAL - BOW GUN

OPP. HAND

DWG. SIZE A — NNF-003

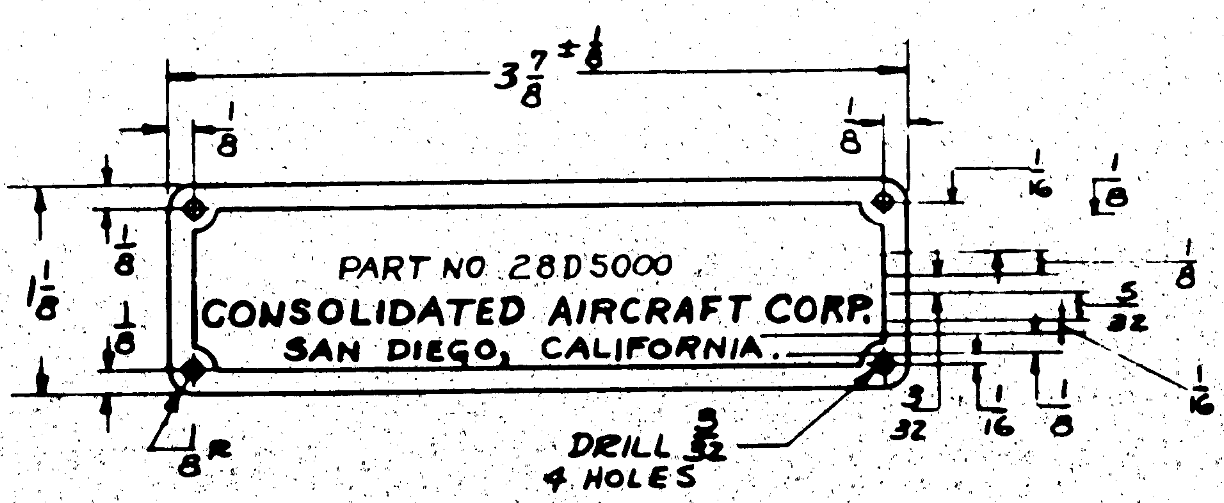

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | CHG B/P INSTRUCTION SHEET TO ETCHED PLATE. | 2-20-40 | KENNE
5 1/4
INSTRUCTIONS FOR OPERATING WATERSEAL
BEFORE TAKE-OFF OR AFTER OPERATING TURRET INFLATE PNEUMATIC GASKET WITH FULL STROKES OF HAND PUMP. UNLOCKING ROTATING SHIELD AUTOMATICALLY DEFLATES GASKET AND AFTER A PERIOD OF 30 SECONDS TURRET IS READY TO BE OPERATED.
3
BLANK 1/4 WIDE X 1/2 LONG
NOTE:- BACKGROUND TO BE ETCHED AND PAINTED DULL BLACK. RAISED LETTERS, BLANKS, & BORDER TO BE POLISHED. STAMP PART NO ON REVERSE SIDE.
DRILL #32(.085) 4 HOLES
1/4
-N | PBY-5A | 28A4006 | 2
PBY-5A | 28A4006 | 2
BBY-5 | 28A4006 | 2
PBY-4 | 28A4006 | 2
PBY-5B | 28A4006 | 2
O.H. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
APPROVED 4-18-39 DATE
REPLACED BY
CALC. WT. ACT. WT.
ST'D PARTS
LH RH REQ.
PART NO
MAT
PARTS LIST PER ASSY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
SCALE
NOTICE IS HEREBY GIVEN THAT THIS DRAWING IS PART OF THE PROPRIETARY ARTICLE, OWNED BY CONSOLIDATED AIRCRAFT CORPORATION, KNOWN AS IS INDICATED ON THE DRAWING. THE UNITED STATES (OR OTHER CUSTOMER TO WHOM FURNISHED), BY ACCEPTING THIS DRAWING, ASSUMES CUSTODY THEREOF AND AGREES: (A) THAT ALL INFORMATION SET FORTH IN THIS DRAWING WILL BE HELD CONFIDENTIAL AND WILL NOT BE DISCLOSED TO ANYONE OTHER THAN AN OFFICIAL OF THE UNITED STATES (OR OF SAID OTHER CUSTOMER). (B) THAT THIS DRAWING WILL BE USED FOR MAINTENANCE PURPOSES ONLY AND UNDER NO CIRCUMSTANCES FOR THE MANUFACTURE OR REPRODUCTION IN QUANTITY OF THE ARTICLE OR PART DISCLOSED THEREBY. PARTS MANUFACTURED TO THIS DRAWING MAY BE PROCURED FROM CONSOLIDATED AIRCRAFT CORPORATION, SAN DIEGO. ACCURACY OF THIS DRAWING NOT GUARANTEED.
A C
NAVY .030 AL SN'T | 47A2 RH | NONE | NOTED
MATERIAL | SPEC. | HEAT TREAT | FINISH
4-17-39 ZUCK
DRAFT | CHECK | EXAM | ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT NO WHERE SHOWN
NAME INSTRUCTION PLATE-ARM.-WATERSEAL OPERATION
DWG A SIZE
NNF012


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
RED "CAUTION"
NNF061
CAUTION
DO NOT RUN
BOILER DURING
TAKEOFF OR LANDING
1/8 LETTERS
4 3/4
1 7/8
STAMP OR ENGRAVE PART NO. ON BACK.
DRILL #50 4 PLACES
NOTE
LETTERS AND BORDERS RAISED AND POLISHED BACKGROUND ETCHED & PAINTED DULL RED.
PBY-5 28F5693 1
XPB2Y-1 1
PB2Y-2 29F1150 1
B24-A 32F1500 1
B24 32F1500 1
XB24 32F1500 1
REPLACES
REPLACED BY
APPROVED
DATE
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT. GF
PARTS LIST PER ASSY.
AC #32 AL SHT 1/2 H
NAVY .032 AL SHT 1/2 H
NONE
NOTED
47A2-1/2H
NONE
NOTED
1/10/40
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
NAMEPLATE FURN'S-HEATING SYSTEM
OPP. HAND
DWG.
A SIZE
NNF061



3/64 DIA. (4 PILOT HOLES)
1/16
1/8
FULL RICH EMERGENCY
DULL BLACK BACKGROUND
1/16
4 5/16
5/16
AUTO RICH
3/16
1/32
MIXTURE
3 5/16
5
AUTO LEAN
2 17/32
2 3/16
RED BACKGROUND
IDLE CUT OFF
1 5/32
7/8
2 1/16
NOTE:
LETTERS TO BE 1/8 HIGH EXCEPT AS NOTED
EQUALLY SPACED AS SHOWN
LETTER & LINES TO BE RAISED & POLISHED
ON BACKGROUNDAS NOTED.
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
PBY-5B 28P 5002 1
PBY-5A 28P5002 1
PBY-5 28P5002 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY 030 AL. SH T.
47A2 TEMP. 1/2 H
NONE
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
[redacted]
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO. CALIF.
STAMP PT No. WHERE SHOWN
NAME
NAME PLATE
ENG CONTROLS MECHANIC'S
MIXTURE CONTROL
OPP HAND —
DWG. A SIZE
NNP018

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]			
LET	ALTERATION	DATE	BY
A	ADDED CONTRACT NO.	2-7-40	McD.
B	REMOVED: MODEL (PBY-5), ENGINE NO. & CONTRACT NO. BLOCKS FROM FACE OF PLATE	4-9-40	WEIDMAN



NOTE:
LETTERS & BORDER TO BE RAISED & POLISHED ON DULL BLACK BACKGROUND.

C98476
60 SHIPS
33 SHIPS

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
-0	PBY-5A	28D5000	2						
-2	PBY-5A	28D5000	2						
	PBY-5B	28D5000	2						
	PBY-5A	28D5000	2						
	PBY-5	28D5000	2						

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32

[redacted]

APPROVED: [illegible] DATE: 12/1/39

CALC. WT. .0186 — ACT. WT.

SCALE 12" = 1'0"

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC				
NAVY	.032 H.H. ALUM SHEET	47A2 HALF HARD	NONE	NOTED

DRAFT	CHECK	EXAM.	ENG.
12/5/39 MAC DONALD	[illegible]		
[illegible] 12-5-39	[illegible]	[illegible]	

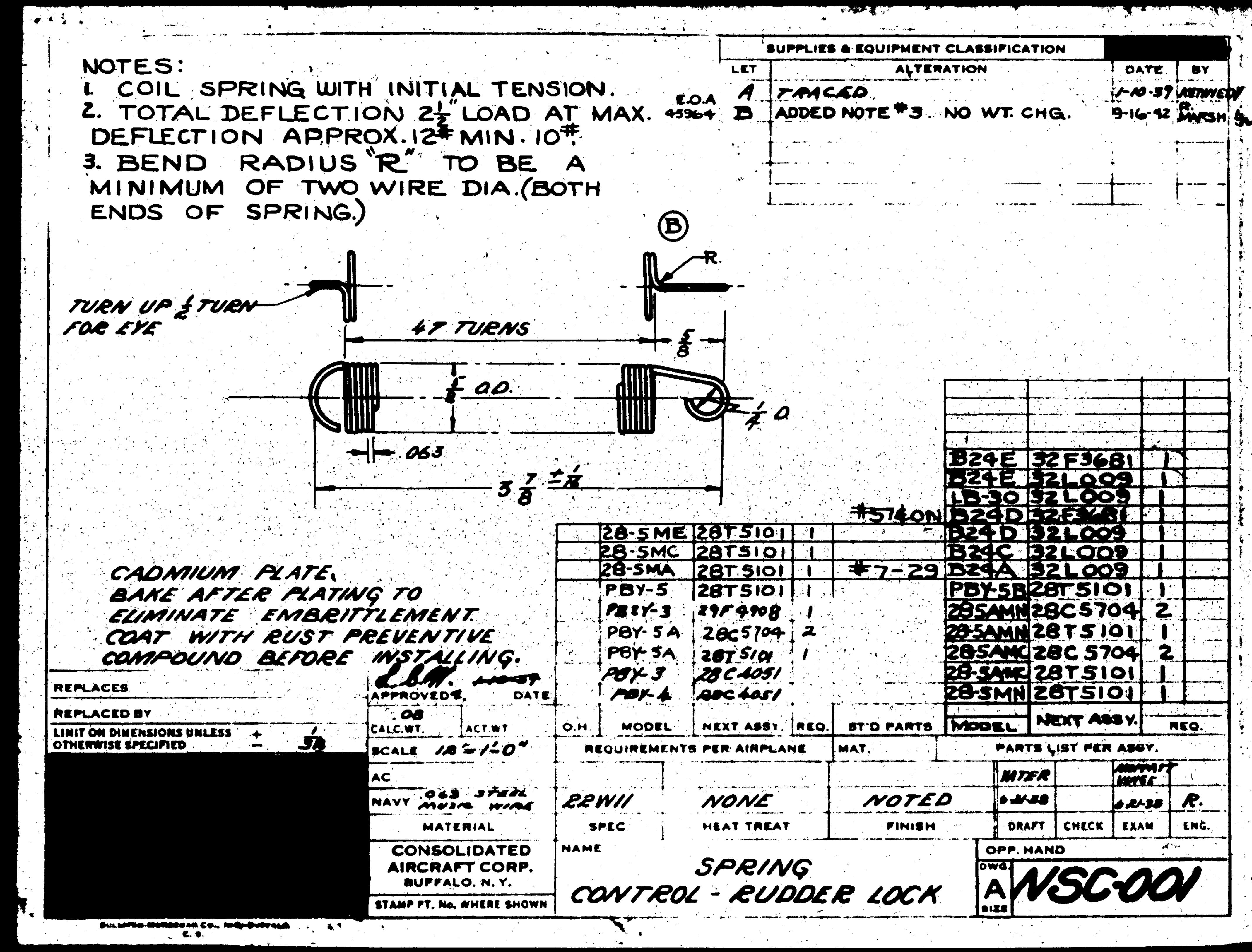
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME: PLATE
ENG. RING COWL - IDENTIFICATION

OPP. HAND

DWG. SIZE A — NNP019

R



NOTES:
1. COIL SPRING WITH INITIAL TENSION.
2. TOTAL DEFLECTION 2½" LOAD AT MAX. DEFLECTION APPROX. 12# MIN. 10#.
3. BEND RADIUS "R" TO BE A MINIMUM OF TWO WIRE DIA. (BOTH ENDS OF SPRING.)
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A TRACED 1-10-39
E.O.A 45964 B ADDED NOTE #3. NO WT. CHG. 9-16-42
B
R.
TURN UP ½ TURN FOR EYE
47 TURNS
5/8
5/8 O.D.
1/4 D
.063
3 7/8 ± 1/16
CADMIUM PLATE. BAKE AFTER PLATING TO ELIMINATE EMBRITTLEMENT. COAT WITH RUST PREVENTIVE COMPOUND BEFORE INSTALLING.
B24E 32F3681 1
B24E 32L009 1
LB-30 32L009 1
#57 & ON B24D 32F3681 1
B24D 32L009 1
B24C 32L009 1
#7-29 B24A 32L009 1
PBY-5B 28T5101 1
28SAMN 28C5704 2
28SAMN 28T5101 1
28SAMC 28C5704 2
28-SAMC 28T5101 1
28-SMN 28T5101 1
28-5ME 28T5101 1
28-5MC 28T5101 1
28-5MA 28T5101 1
PBY-5 28T5101 1
PBY-3 29F4908 1
PBY-5A 28C5704 2
PBY-5A 28T5101 1
PBY-3 28C4051
PBY-4 28C4051
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + 1/32 -
APPROVED DATE
.08 CALC. WT. ACT. WT.
SCALE 1/8" = 1'-0"
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS MODEL NEXT ASSY. REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY .063 STEEL MUSIC WIRE
MATERIAL
22W11 SPEC
NONE HEAT TREAT
NOTED FINISH
6-21-38 DRAFT
CHECK
6-21-38 EXAM
R. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
SPRING CONTROL - RUDDER LOCK
OPP. HAND
DWG. A SIZE
WSC-001

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]

LET	ALTERATION	DATE	BY
A	TRACED	1-10-39	[illegible]

RATE OF SPRING = 2 LBS. P. INCH DEFLECTION - APPROX.
COIL ENDS MUST BE CLOSED AND PERPENDICULAR TO ℄.

$1\frac{3}{4}$ FREE LENGTH

$\frac{11}{32}$ MAX. O.D.

.028

ENDS MUST NOT PROJECT BEYOND OUTSIDE CIRC. OF COILS.

FINISH CODE	
Z	[illegible]
P	[illegible]
AP	[illegible]
C	[illegible]

PBY-3 S.O. #926-92

MODEL	NEXT ASSY.	REQ.
PBY-5A	28A5033	2 EA
PBY-5A	28B4047	1 EA
PBY-3	28B4047	
PBY-4	28B4047	

O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± $\frac{1}{32}$

[redacted]

L.S.W. 1-10-39
APPROVED | DATE

.0025 CALC. WT. | ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY .028 STAINLESS ST. SPRING WIRE

MATERIAL

22W13 COND. H	NONE	C	6-26-38	7-1-38		
SPEC.	HEAT TREAT	FINISH				
			DRAFT [illegible]	CHECK [illegible]	EXAM. [illegible]	ENG. R.

OPP. HAND

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: SPRING - WATERSEAL VALVE - BOW GUN - HULL.

DWG. SIZE A — NSC003

SUPPLIES & EQUIPMENT CLASSIFICATION	[redacted]		
LET	ALTERATION	DATE	BY
A	TRACED	1-10-39	KENNEDY

6 COILS

$\frac{9}{32}$ ID

$\frac{7}{8}$ FREE LENGTH

SQUARE & GRIND 2 END COILS

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28F4066	1
	PBY-5A	28F4055	1
	PB2Y-2	29F1057	1
	PBY-4	28F4055	

REQUIREMENTS PER AIRPLANE

ST'D PARTS | LH | RH | REQ. | PART NO | LH | RH | REQ.

MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± $\frac{1}{32}$

APPROVED L.B.W. DATE 1-10-39

CALC. WT. .002 | ACT. WT.

SCALE 24" = 1'0"

AC

NAVY

MATERIAL	SPEC.	HEAT TREAT	FINISH
.041 MUSIC WIRE	AN-W-11	NONE	C & BAKE

DRAFT	CHECK	EXAM	ENG.
7-25-38 SAVILLE		MILLER	R.

[redacted]

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME SPRING - FURNS. - NAV'S SEAT LOCK

OPP HAND

DWG. SIZE A NSC-004

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	ADDED CAD PLATE NOTE	6-21-41	[illegible]

1 FREE LENGTH

1/2 O.D. X .0625 MUSIC WIRE
SPEC. 48-26 (5 1/2 COMPLETE TURNS)

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28F6619	1						
	28-5AMC	28F6501	2						
	OA-10	28F6501	2						
	PBY-5A	28F6501	2						
	B-24	32F833	1						
	XB-24B	32F833	1						
REQUIREMENTS PER AIRPLANE							PARTS LIST PER ASSY.		

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED DATE

CALC. WT.	ACT. WT.							
SCALE 12" = 1'0"				MAT. GF				
AC NOTED	NOTED	NONE	CAD PLATE & BAKE	6/1/39	STANDLEY	H.W.H	1.	
NAVY				MOSS	6/12/39	6/21/39	F.W.F	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.	

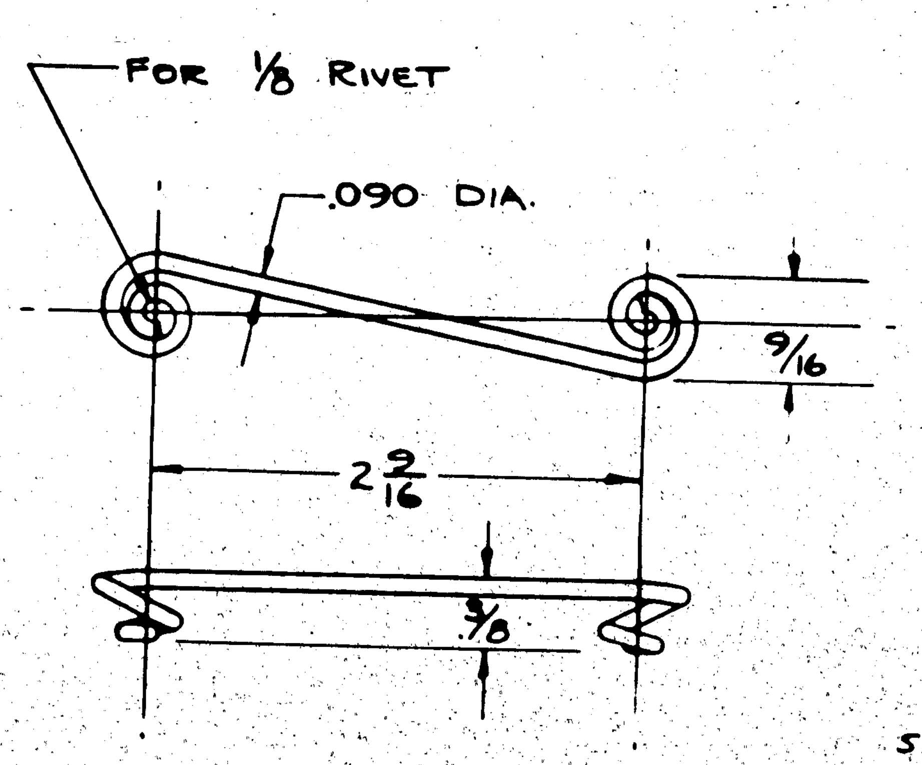
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME: SPRING - BOMBER'S SEAT-LATCH

OPP. HAND —

DWG. SIZE A

NSC018



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET.	ALTERATION	DATE	BY

SIMILAR TO DZUS SPRING #1375
DZUS FASTENER C^o INC., BABYLON, N.Y.

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ	RH REQ	PART NO	LH REQ.	RH REQ.
	PBY-5B	32D022	6						
	PBY-5A	32D022	6						
	PBY-5	32D022	6						
	B-24	32D022	12						
	XB-24	32D022	12						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32

APPROVED	DATE			
CALC. WT.	ACT. WT. .009			
SCALE 12" = 1'-0"			MAT. [illegible]	
AC MUSIC WIRE	48-26	NONE	CADMIUM PLATE	
NAVY				
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT / CHECK / EXAM / ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME: **SPRING**
COWL. FASTENER

OPP. HAND

DWG. A 8122 **NSC027**

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	WAS CORR. RESIST STEEL WIRE SPEC 22W13; COND. H. ADDED REQS	4-11-41	BRADY

LOAD TO COMPRESS = APPROX. 6#/IN.

FREE LENGTH 7 5/16

.090 DIA.

1/2 O.D.

31 TOTAL COILS TO GIVE 29 ACTIVE COILS

GRIND ENDS SQUARE

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

PURCHASE TO DWG.

1 REQ. PER CONTRACT

O.H.	MODEL	NEXT ASSY.	REQ.
	LB-30 A,B	32U004	1
	B-24 A,C,D	32U004	
	XB-24, B-24	32U004	
	OA-10	28U5006	1
	28-5AMC	28U5006	1
	PBY-5A	28U5006	1
	XPBY-5A	28U4006	1

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [illegible] DATE 7/31/39

CALC. WT. | ACT. WT.

SCALE 12" = 1'-0"

MAT. MEG

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC				
NAVY	MUSIC WIRE	22W11	AS RECEIVED	C & BAKE

DRAFT	CHECK	EXAM.	ENG.
Nasley 7/12/39	Esposo	Grant	[illegible]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF

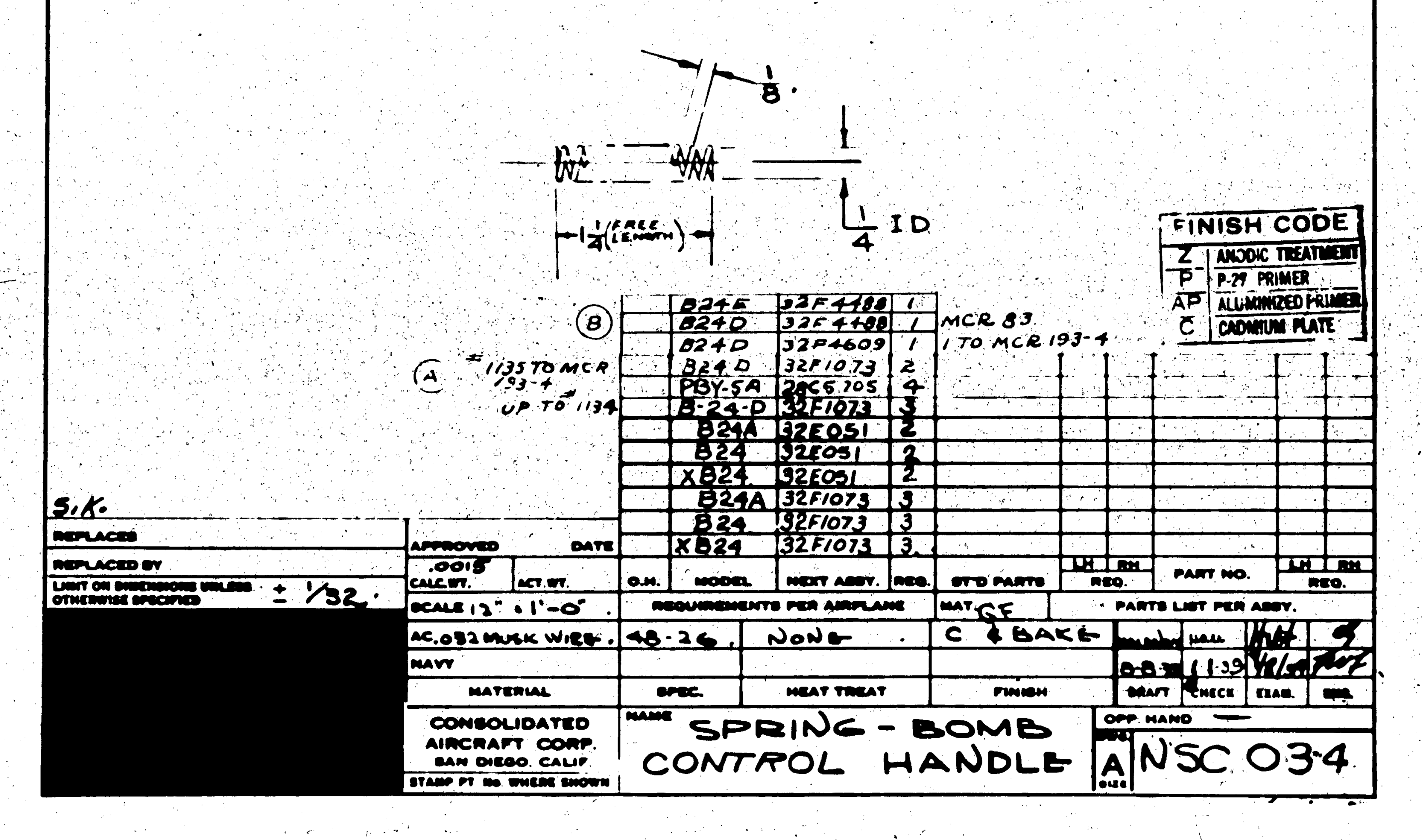
STAMP PT No. WHERE SHOWN

NAME SPRING-NOSE LAND'G GEAR-TOWBAR

OPP. HAND —

SIZE A

DWG. NSC032



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | LIMITED B24D TO # 1135-3 REQ'D ADDED B24D 1135 TO MCR 193 & 2 REQ'D | 3-10-43 | MADDOX
B | ADDED REQ. FOR 32F4609 & 32F4488 TO B/M | 3-17-43
10 ACTIVE COILS
GRIND ENDS FLAT & SQUARE
1/8
1 1/4 (FREE LENGTH)
1/4 ID
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
B24E 32F4488 1
B24D 32F4488 1 MCR 83
B24D 32F4609 1 1 TO MCR 193-4
A #1135 TO MCR 193-4 B24D 32F1073 2
PBY-5A 28C5705 4
#UP TO 1134 B-24-D 32F1073 3
B24A 32E051 2
B24 32E051 2
XB24 32E051 2
B24A 32F1073 3
B24 32F1073 3
XB24 32F1073 3
S.K.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED DATE
.0015 CALC.WT. ACT.WT.
O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT. GF
PARTS LIST PER ASSY.
AC.032 MUSK WIRE 48-26 NONE C & BAKE
NAVY
8-8-39 11-1-39
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT No. WHERE SHOWN
NAME SPRING - BOMB CONTROL HANDLE
OPP. HAND —
A SIZE
NSC 034

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	REMOVED NEXT ASSY. FROM T.S.	12-15-39	
B	Added Next Ass'y & Req. For B24D & B24 N.	4/5/43	

1 1/2 FREE LENGTH

FLAT ENDS

17/64 INSIDE DIA.

.041 (#19 N.W. GA.)

12 COILS
LOAD - APPROX. 10 LBS.
WHEN FULLY COMPRESSED.

THIS PART IS IDENTICAL TO PART 01F93

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	B24H	32F7525	1						
	B24D	32F7525	1						
	PBY-5A	28F5282	1						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES 01F93
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

APPROVED DATE
CALC. WT. .01 — ACT. WT.
SCALE 12" = 1'0"
MAT.

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC .041 MUSIC WIRE	48-26		
NAVY			

DRAFT	CHECK	EXAM.	ENG.
8-17-39	LOC	HWH 9-5-39	FWF 9-5-39

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME SPRING CAMERA DOOR LATCH

OPP. HAND —

DWG. SIZE A — NSC-041

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

14 EFFCTIVE COILS

FREE LENGTH 2

$\frac{11}{32} \pm \frac{1}{64}$ O.D.

CLOSE ENDS

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28E5632	2						
	B-24A	32F591	1						
	B-24	32F591	1						
	XB-24	32F591	1						
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED DATE

CALC. WT.	ACT. WT.
.01	

SCALE FULL

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC .032 PHOS. BRONZE	QQW401	NONE	
NAVY			

DRAFT	CHECK	EXAM.	ENG.
Dave	[illegible]	[illegible]	[illegible]
8-25-39	9/1/39	9/6/39	9-11-39

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT No. WHERE SHOWN

NAME SPRING-COMP.-SAFETY-LDG. GEAR CONTROL

OPP. HAND

DWG. SIZE A

NSC051

R

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	ADDED REQ'MTS. FOR LB30 B24 B24A & B24C	8-21-41	NIEGHMAN

FIN.	
Z	ANODIZE
P	P-27 PRIMER
AP	ALUMINIZED
C	CADMIUM P.

Ⓐ

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28A5052	1
	B24C	32E074	1
	B24A	32E074	1
	B24	32E074	1
	LB30	32E074	1
	PB2Y-3	28A5052	4
	PBY-5	28A5052	1

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

[redacted]

APPROVED [signature] DATE 11/21/39

CALC. WT. | ACT. WT.

SCALE 12" = 1'-0"

MAT.

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY .032 MUSIC WIRE	22W11	NONE	C-BAKE	[signature] 11/9/39	[signature] 11-21-39	[signature]	[signature]

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

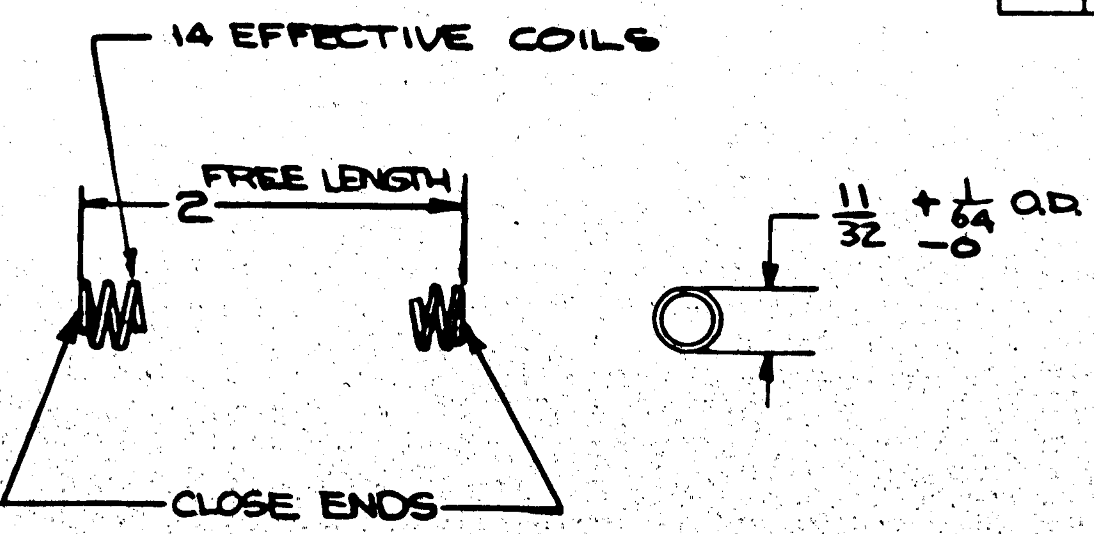
STAMP PT No. WHERE SHOWN

NAME SPRING-TORP. DIRECT. SUPPORT-LATCH

OPP. HAND

SIZE A DWG. NSC-073

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28F5697	1						
	B-24A	32F541	1						
	B-24	32F541	1						
	XB-24	32F541	1						
REQUIREMENTS PER AIRPLANE				MAT. GF	PARTS LIST PER ASSY.				

REPLACES	NSC081
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32

APPROVED		DATE	
CALC.WT. .01	ACT.WT.		
SCALE 12" = 1'-0"			

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC 041 PHOS. BRONZE	QQ-W-401	NONE	
NAVY			

DRAFT	CHECK	EXAM.	ENG.
[signature]	[signature]	[signature]	[signature]
11-21-39	11-21-39	11/22/39	11-22-39

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME: SPRING-COMP. SAFETY LANDING GEAR CONTROL

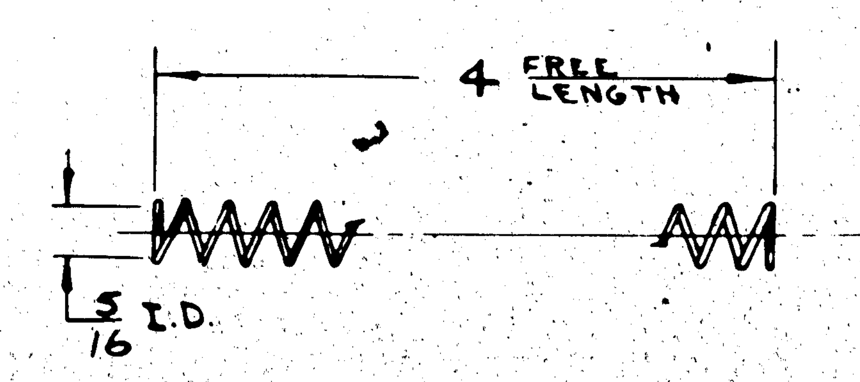
OPP. HAND

SIZE: A

DWG. NSC074

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



ENDS TO BE SQUARED & GROUND

COMPRESSED LENGTH $3/4 \pm 1/16$

LOAD COMPRESSED 5-8. LBS.

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-5-MF	28F5008-R	1						
	28-5-MF	28F5008	1						
	PBY-5	28F5008-R	1						
	PBY-5	28F5008	1						

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

[redacted]

APPROVED 2/27/39 DATE

CALC.WT. | ACT.WT

SCALE | REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY .032 MUSIC WIRE	22W11	NONE	C - BAKE 2P	12/14/39	12-20-39		

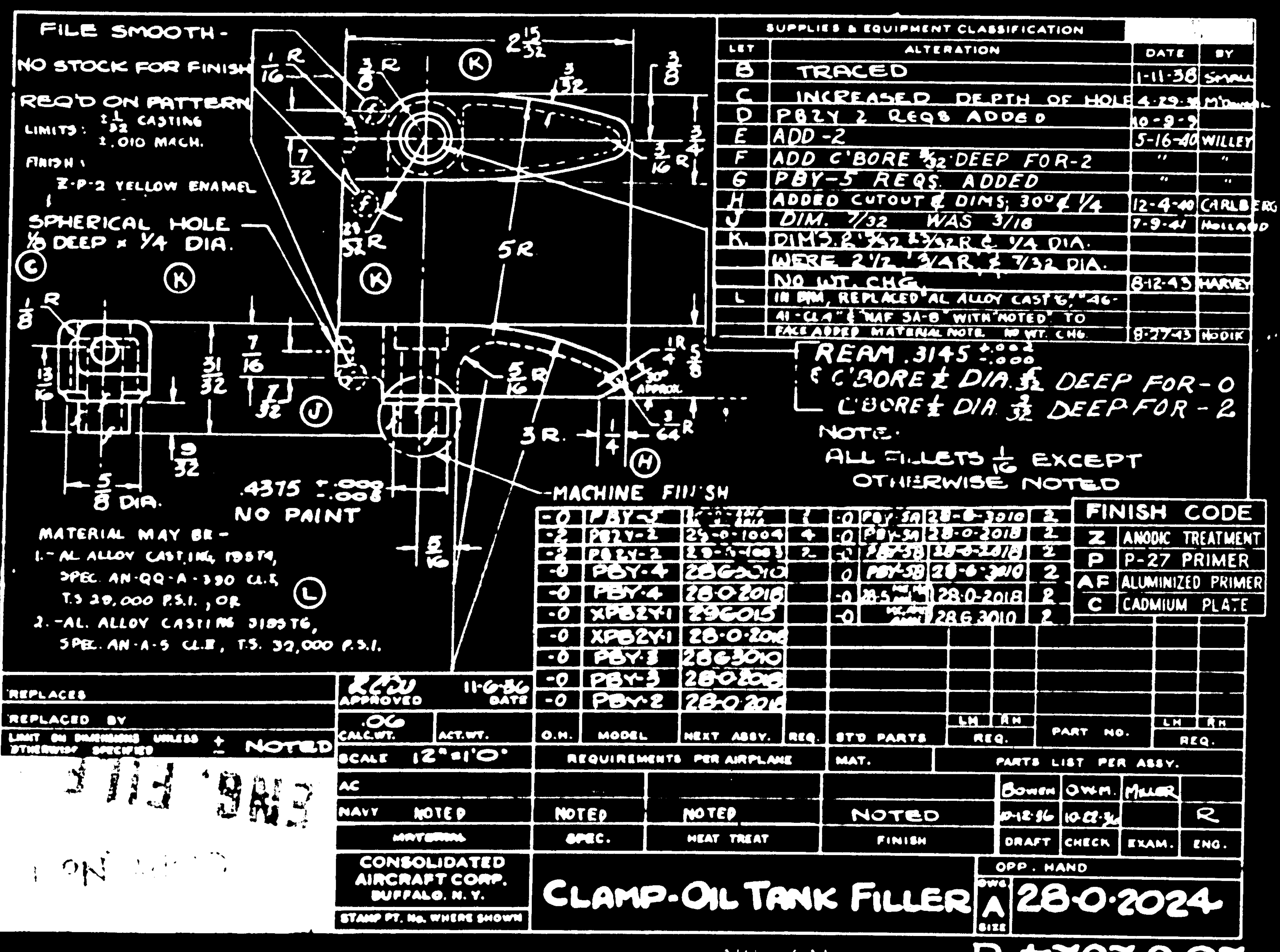
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT No. WHERE SHOWN

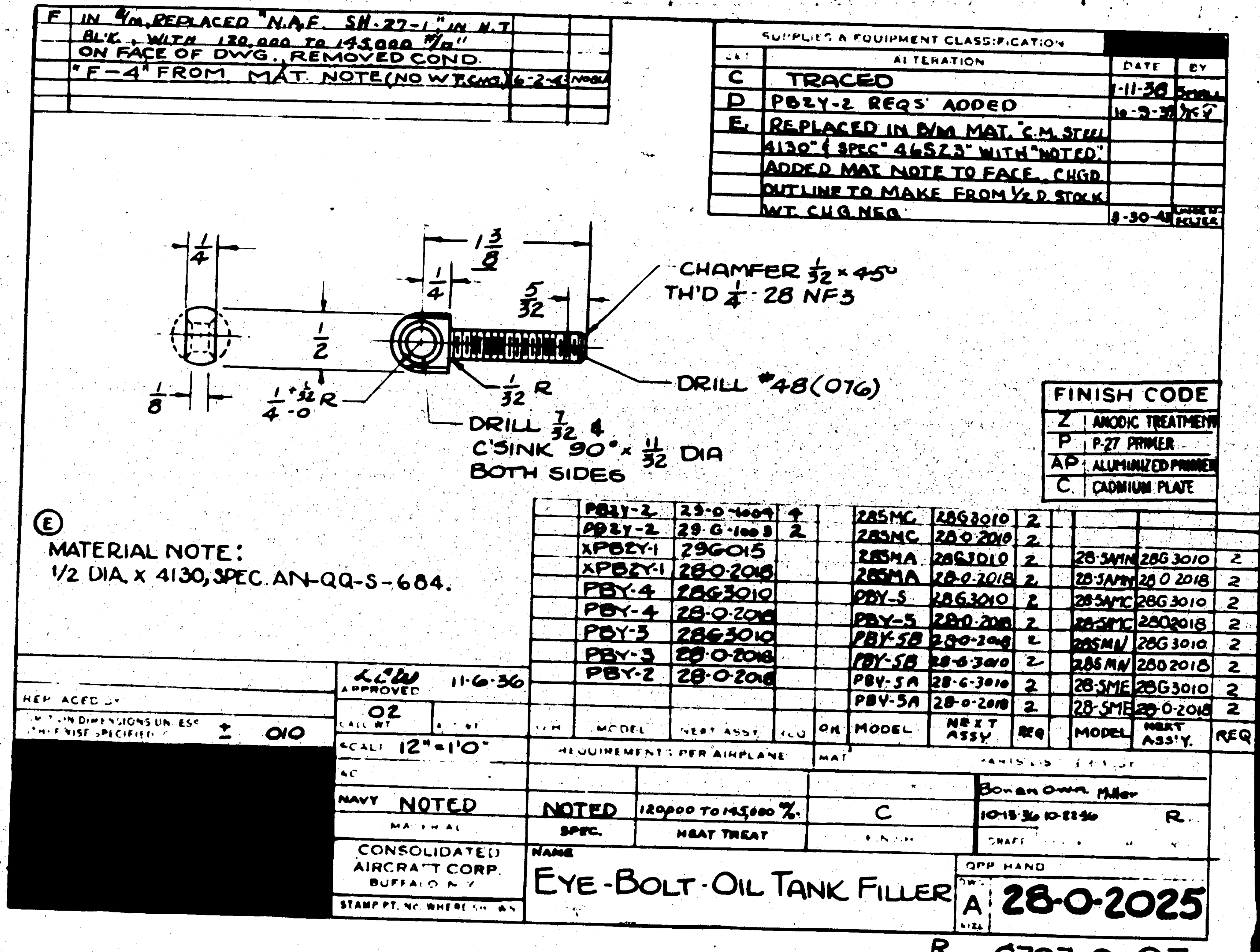
NAME SPRING FURNS. OBSERVERS SEAT

OPP. HAND

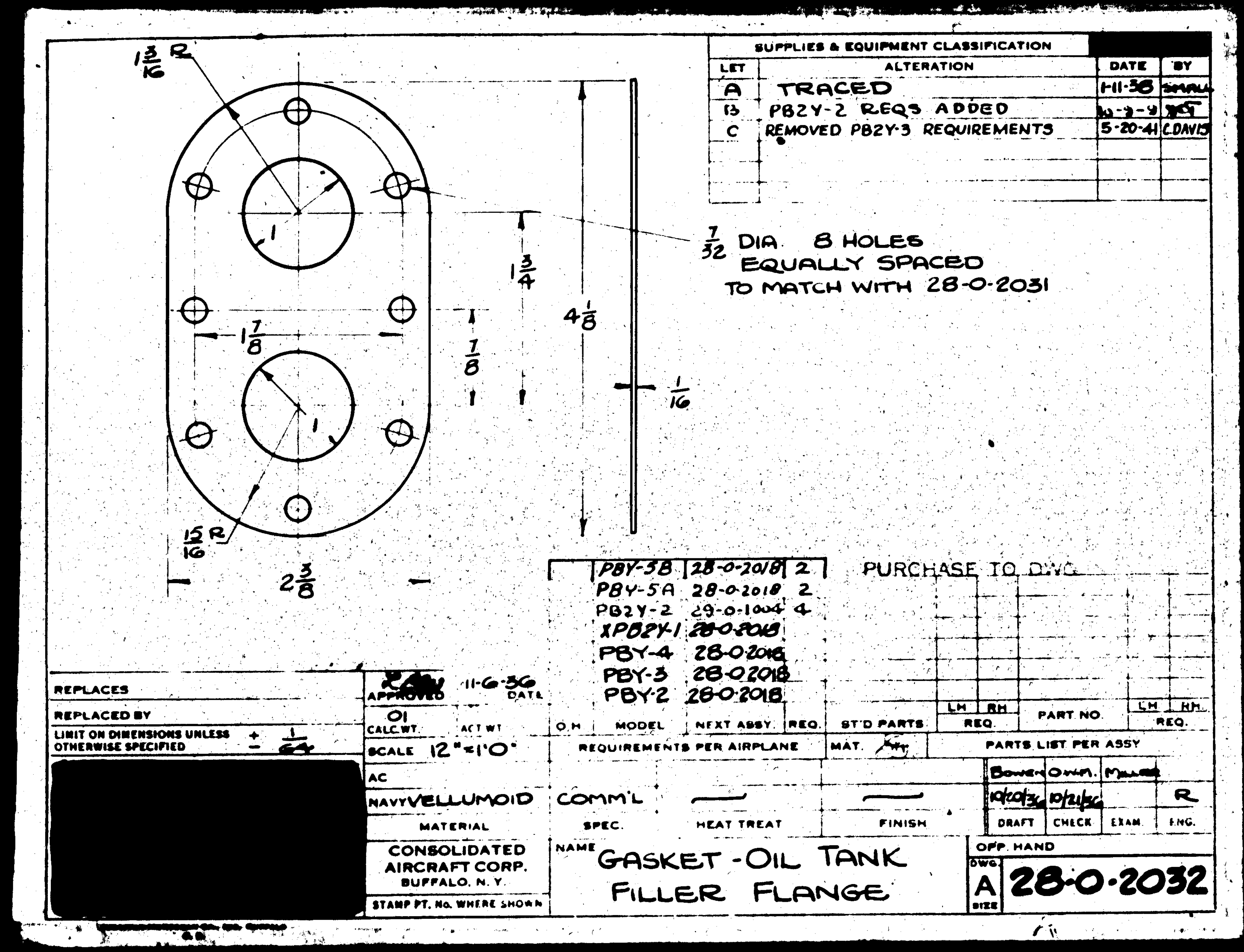
DWG. A SIZE NSC075



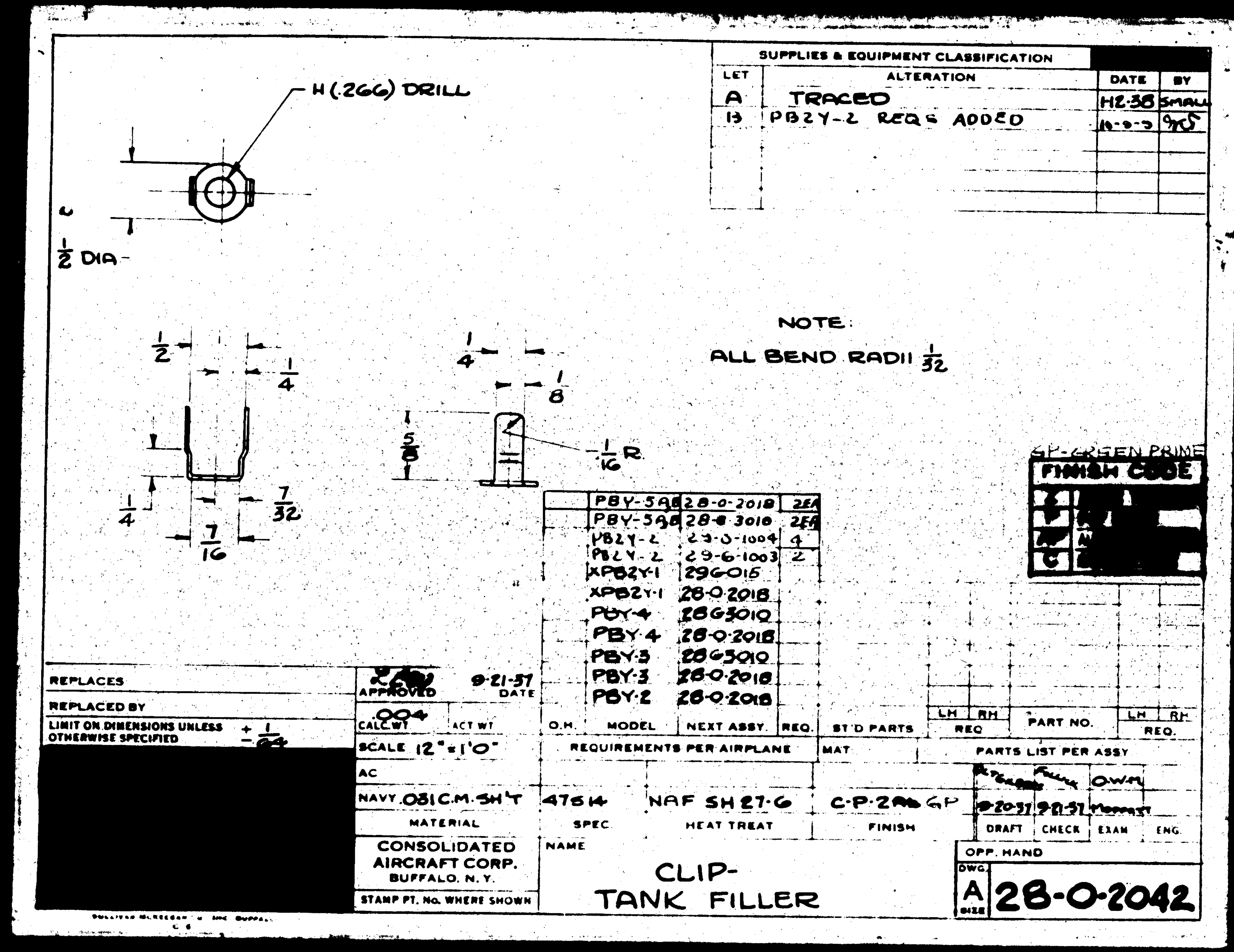
FILE SMOOTH -
NO STOCK FOR FINISH
REQ'D ON PATTERN
LIMITS: ± 1/32 CASTING
±.010 MACH.
FINISH:
Z-P-2 YELLOW ENAMEL
SPHERICAL HOLE
1/8 DEEP x 1/4 DIA.
5/8 DIA.
.4375 +.000 -.008
NO PAINT
MACHINE FINISH
MATERIAL MAY BE -
1.- AL ALLOY CASTING 195T4,
SPEC. AN-QQ-A-390 CL.5
T.S. 29,000 P.S.I., OR
2.- AL. ALLOY CASTING 319ST6,
SPEC. AN-A-5 CL.II, T.S. 32,000 P.S.I.
REAM .3145 +.002 -.000
& C'BORE 1/2 DIA. 1/32 DEEP FOR-0
C'BORE 1/2 DIA 3/32 DEEP FOR-2
NOTE:
ALL FILLETS 1/16 EXCEPT
OTHERWISE NOTED
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED | 1-11-38
C | INCREASED DEPTH OF HOLE | 4-29-
D | PB2Y 2 REQS ADDED | 10-9-9
E | ADD -2 | 5-16-40 | WILLEY
F | ADD C'BORE 3/32 DEEP FOR -2
G | PBY-5 REQS ADDED
H | ADDED CUTOUT & DIMS; 30° & 1/4 | 12-4-40 | CARLBERG
J | DIM. 7/32 WAS 3/16 | 7-9-41 | HOLLAND
K | DIMS. 2 15/32, 23/32 R & 1/4 DIA. WERE 2 1/2, 3/4 R, & 7/32 DIA. NO WT. CHG. | 8-12-43 | HARVEY
L | IN DIM, REPLACED AL ALLOY CAST'G "46-41-CLA" & "NAF SA-B" WITH "NOTED" TO FACE ADDED MATERIAL NOTE. NO WT. CHG. | 8-27-43 | HODIK
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AF ALUMINIZED PRIMER
C CADMIUM PLATE
-2 PB2Y-2 28-0-1004 4
-2 PB2Y-2 28-0-1003 2
-0 PBY-4 28-6-3010
-0 PBY-4 28-0-2018
-0 XPB2Y-1 296015
-0 XPB2Y-1 28-0-2018
-0 PBY-3 28-6-3010
-0 PBY-3 28-0-2018
-0 PBY-2 28-0-2018
-0 PBY-5A 28-6-3010 2
-0 PBY-5A 28-0-2018 2
-0 PBY-5B 28-0-2018 2
-0 PBY-5B 28-6-3010 2
-0 28-0-2018 2
-0 28-6-3010 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± NOTED
APPROVED 11-6-36 DATE
.06 CALC.WT.
ACT.WT.
SCALE 12"=1'0"
O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE MAT. PARTS LIST PER ASSY.
AC
NAVY NOTED NOTED NOTED NOTED
MATERIAL SPEC. HEAT TREAT FINISH
Bowen O.W.M. Miller
10-12-36 10-22-36 R
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
CLAMP-OIL TANK FILLER
OPP. HAND
DWG A SIZE 28-0-2024
ENG. FILE
28-0-2024 R



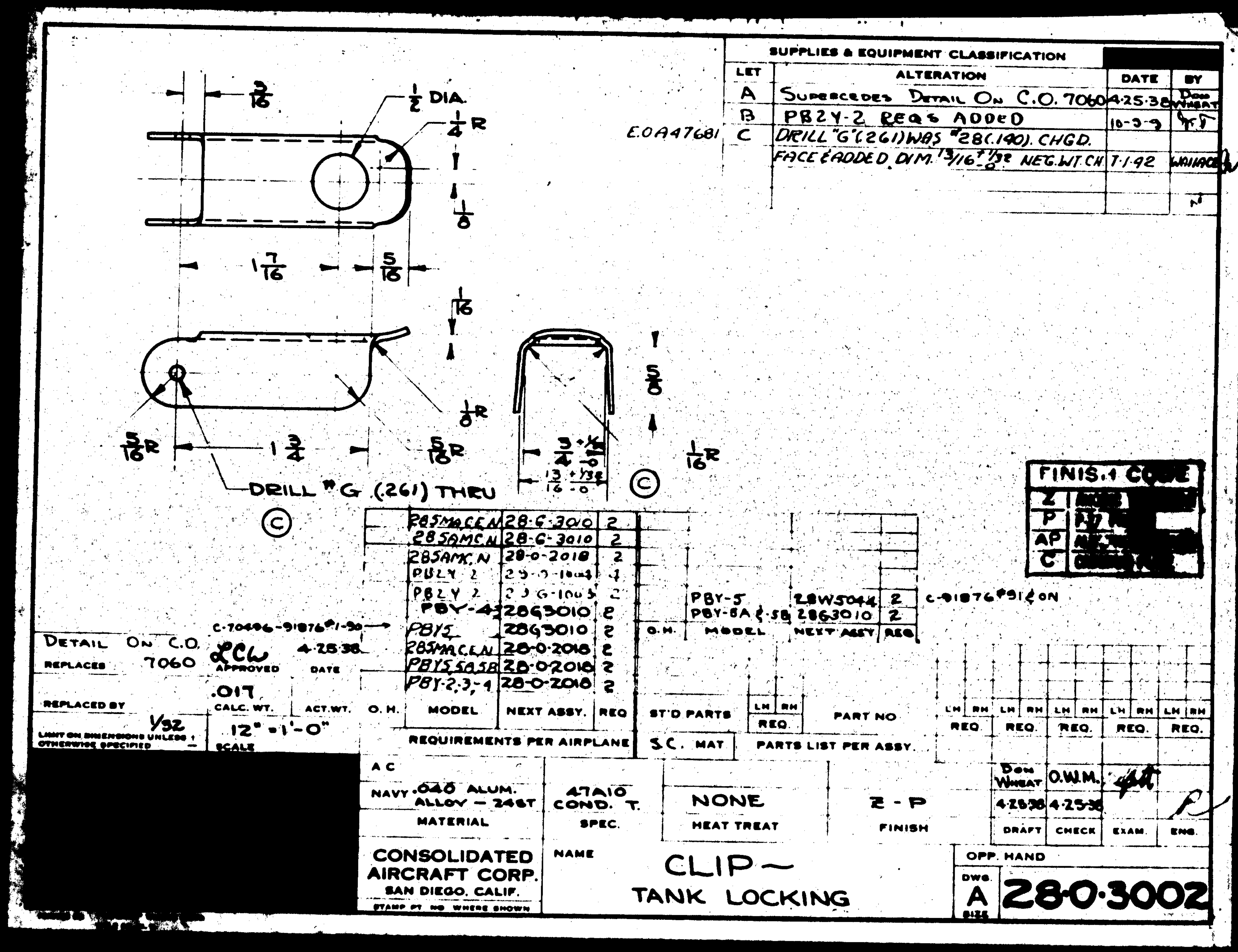
F IN 4/m REPLACED "N.A.F. SH-27-1" IN M.T. BLK. WITH 120,000 TO 145,000 #/□" ON FACE OF DWG. REMOVED COND. "F-4" FROM MAT. NOTE (NO WT. CHG.) 6-2-43
SUPPLIES & EQUIPMENT CLASSIFICATION
ALTERATION
DATE
BY
C TRACED 1-11-36
D PBZY-2 REQS' ADDED 10-9-36
E REPLACED IN B/M MAT. "C.M. STEEL 4130" & SPEC "46S23" WITH "NOTED". ADDED MAT NOTE TO FACE. CHGD OUTLINE TO MAKE FROM 1/2 D. STOCK WT. CHG NEG 8-30-43
1/4
1 3/8
1/4
5/32
CHAMFER 1/32 × 45°
TH'D 1/4-28 NF3
1/2
1/8
1/4 +1/32 -0 R
1/32 R
DRILL #48 (.076)
DRILL 7/32 & C'SINK 90° × 11/32 DIA BOTH SIDES
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
(E)
MATERIAL NOTE:
1/2 DIA. x 4130, SPEC. AN-QQ-S-684.
PBZY-2 29-0-1004 4
PBZY-2 29-G-1003 2
XPBZY-1 29G015
XPBZY-1 28-0-2018
PBY-4 28G3010
PBY-4 28-0-2018
PBY-3 28G3010
PBY-3 28-0-2018
PBY-2 28-0-2018
28SMC 28G3010 2
28SMC 28-0-2010 2
28SMA 28G3010 2
28SMA 28-0-2018 2
PBY-5 28G3010 2
PBY-5 28-0-2018 2
PBY-5B 28-0-2018 2
PBY-5B 28-G-3010 2
PBY-5A 28-G-3010 2
PBY-5A 28-0-2018 2
28-5AMN 28G3010 2
28-5AMN 28-0-2018 2
28-5AMC 28G3010 2
28-5AMC 28-0-2018 2
28SMN 28G3010 2
28SMN 28-0-2018 2
28-SME 28G3010 2
28-SME 28-0-2018 2
MODEL NEXT ASSY REQ
REQUIREMENTS PER AIRPLANE
APPROVED 11-6-36
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
02
CALC WT
SCALE 12"=1'0"
NAVY NOTED
MATERIAL
NOTED
SPEC.
120,000 TO 145,000 #/□"
HEAT TREAT
C
FINISH
10-15-36 10-22-36
R
CONSOLIDATED AIRCRAFT CORP. BUFFALO N.Y.
STAMP PT. NO. WHERE SHOWN
NAME
EYE-BOLT-OIL TANK FILLER
OPP HAND
A 28-0-2025
R
28-0-2025



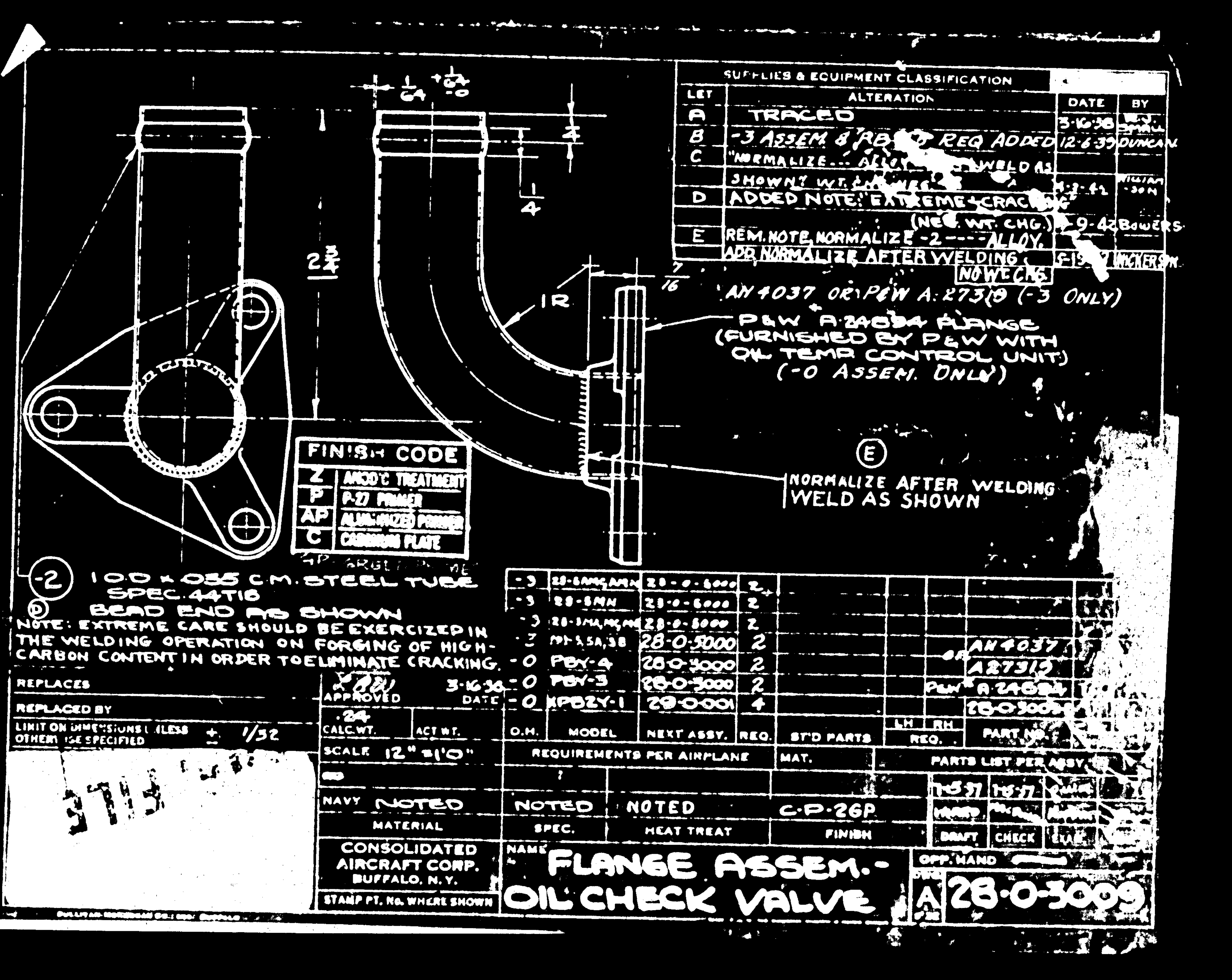
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A TRACED 1-11-36
B PB2Y-2 REQS ADDED
C REMOVED PB2Y-3 REQUIREMENTS 5-20-41 C.DAVIS
1 3/16 R
15/16 R
1
1
1 7/8
2 3/8
1 3/4
7/8
4 1/8
1/16
7/32 DIA 8 HOLES EQUALLY SPACED TO MATCH WITH 28-0-2031
PBY-5B 28-0-2018 2
PBY-5A 28-0-2018 2
PB2Y-2 29-0-1004 4
XPB2Y-1 28-0-2018
PBY-4 28-0-2018
PBY-3 28-0-2018
PBY-2 28-0-2018
PURCHASE TO DWG
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
[redacted]
APPROVED 11-6-36 DATE
01 CALC.WT. ACT WT
SCALE 12"=1'0"
AC
NAVY VELLUMOID COMM'L
MATERIAL SPEC. HEAT TREAT FINISH
O.H MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE MAT. PARTS LIST PER ASSY
Bowen Own. Miller
10/20/36 10/21/36 R
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME GASKET - OIL TANK FILLER FLANGE
OPP. HAND
DWG. A SIZE 28-0-2032

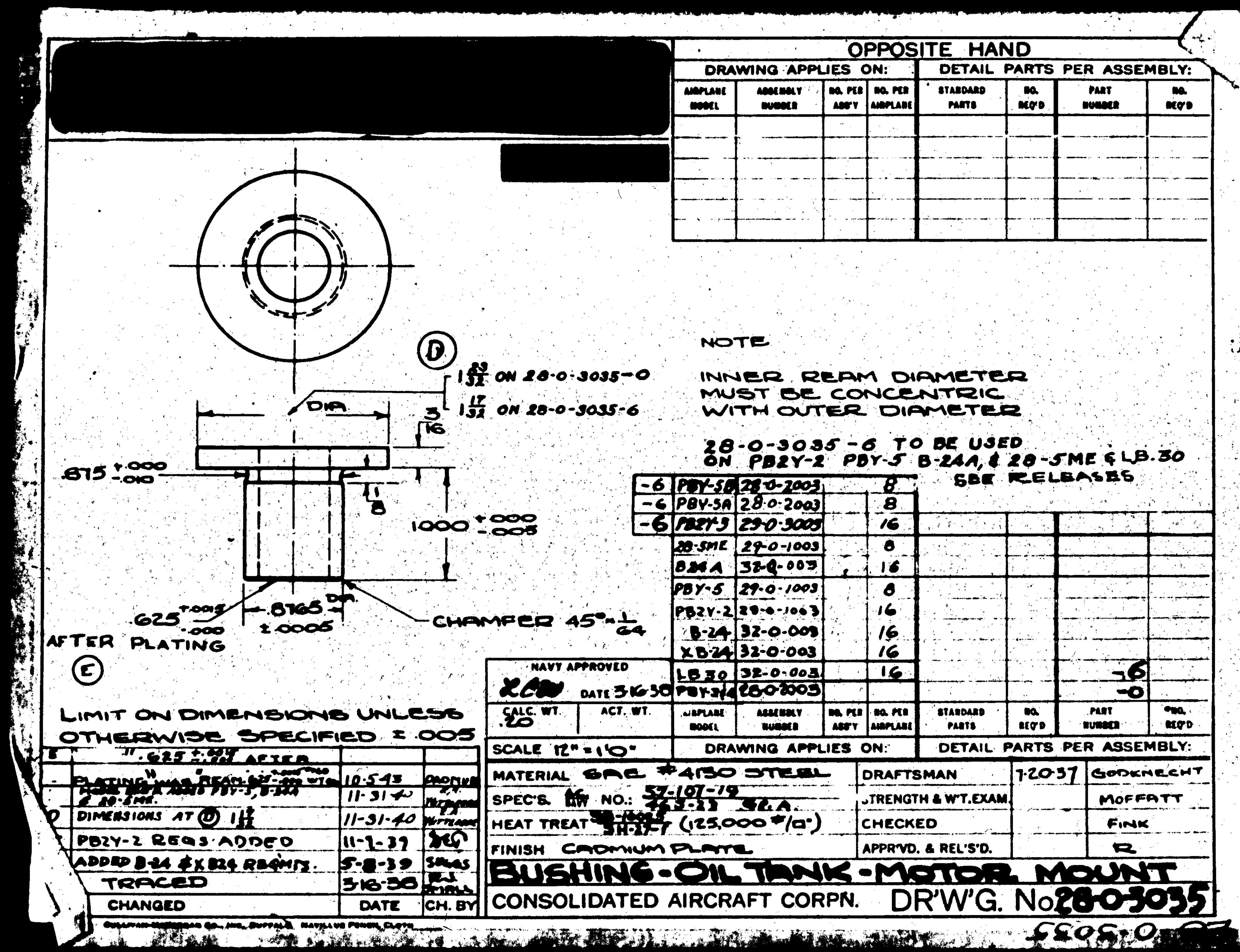


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A TRACED 11-2-38 SMALL
B PB2Y-2 REQS ADDED
H (.266) DRILL
1/2 DIA
NOTE:
ALL BEND RADII 1/32
1/2
1/4
1/4
7/32
7/16
1/4
1/8
5/8
1/16 R
GP-GREEN PRIME
FINISH CODE
PBY-5A 28-0-2018 2EA
PBY-5A 28-0-3010 2EA
PB2Y-2 29-0-1004 4
PB2Y-2 29-6-1003 2
XPB2Y-1 296015
XPB2Y-1 28-0-2018
PBY-4 28-0-3010
PBY-4 28-0-2018
PBY-3 28-0-3010
PBY-3 28-0-2018
PBY-2 28-0-2018
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE MAT PARTS LIST PER ASSY
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED 9-21-37 DATE
.004 CALC. WT ACT WT
SCALE 12" = 1'0"
AC
NAVY 031C.M. SH'T 47514 NAF SH 27-6 C-P-2 GP
MATERIAL SPEC. HEAT TREAT FINISH
9-20-37 9-21-37
DRAFT CHECK EXAM ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
CLIP-
TANK FILLER
OPP. HAND
DWG. A SIZE 28-0-2042

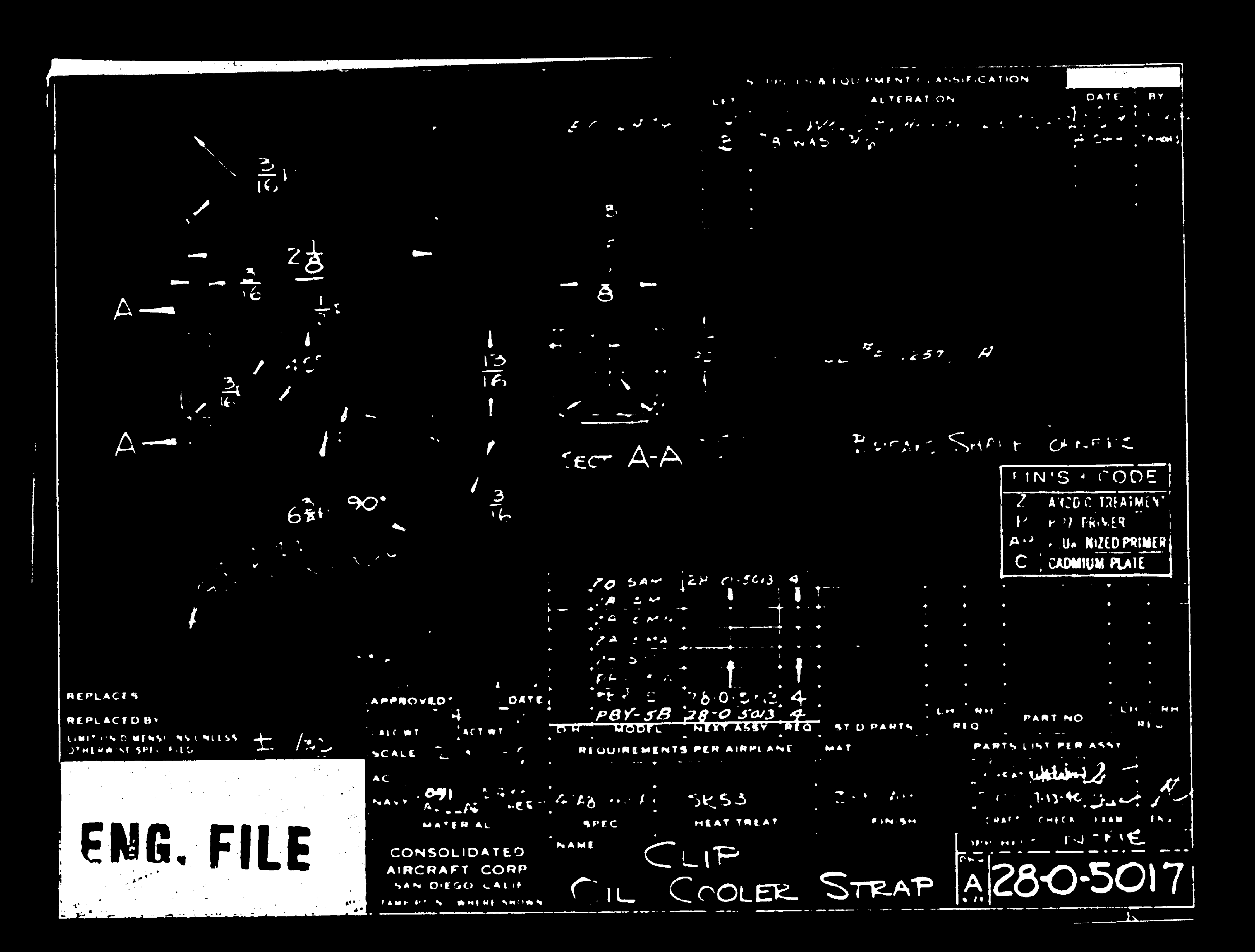


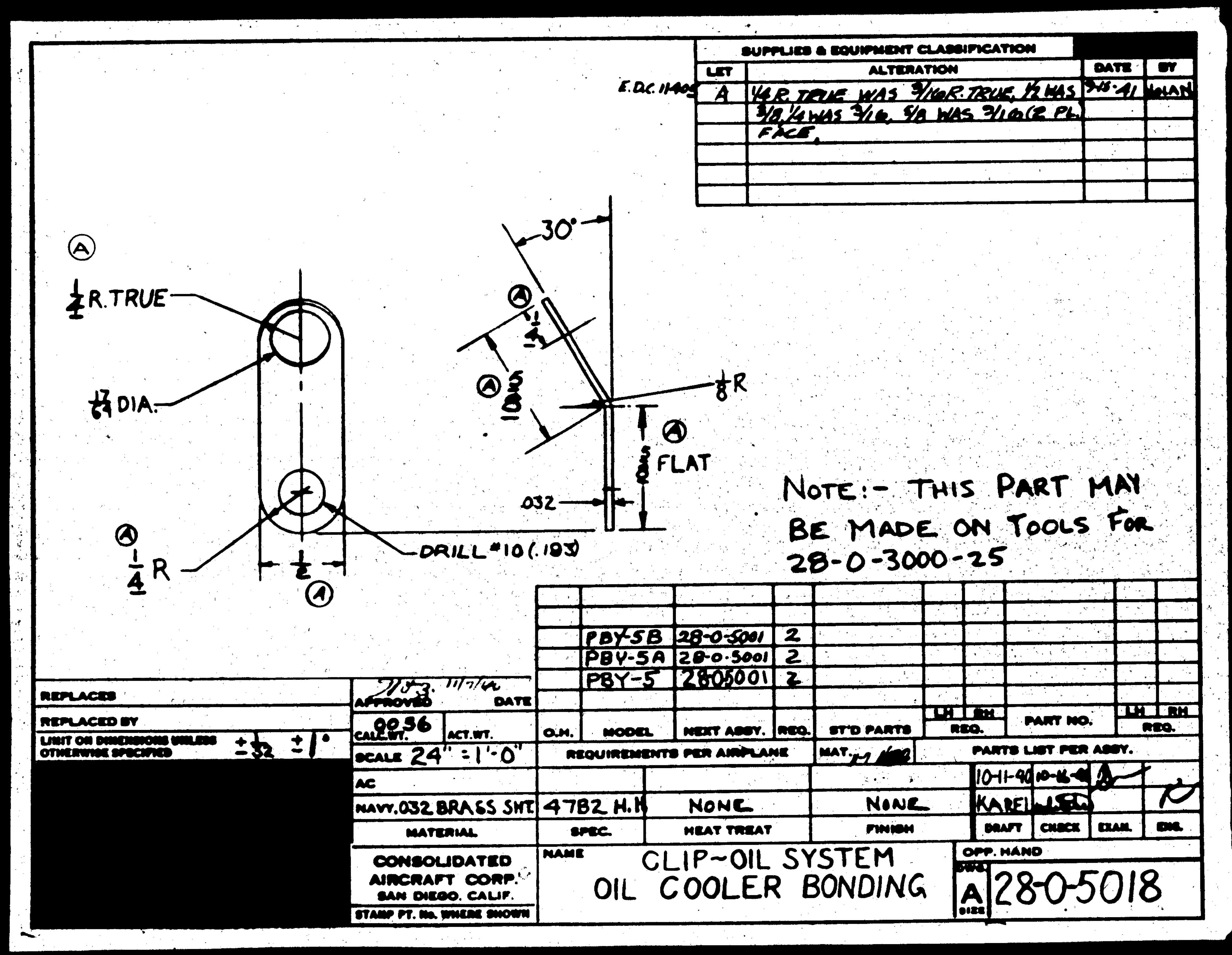
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
SUPERCEDES DETAIL ON C.O. 7060
4.25.38
DON WHEAT
B
PB2Y-2 REQS ADDED
10-3-9
E.O A47681
C
DRILL "G" (.261) WAS #28 (.190). CHGD.
FACE & ADDED DIM. 13/16 +1/32 -0 NEG. WT. CH
7-1-42
WALLACE
1/2 DIA.
1/4 R
3/16
1/8
1 7/16
5/16
1/16
1/8 R
5/8
5/16 R
1 3/4
5/16 R
3/4 +1/64 -0
13/16 +1/32 -0
1/16 R
DRILL #G (.261) THRU
C
FINISH CODE
Z
P
AP
C
[redacted]
285MACEN 28-G-3010 2
285AMCN 28-G-3010 2
285AMCN 28-0-2018 2
PB2Y-2 28-0-1003 4
PB2Y-2 28-G-1003 2
PBY-4 28G3010 2
PBY-5 28W5044 2
PBY-5A & -5B 28G3010 2
C-91876 #91 & ON
C-70496-91876 #1-90
PBY5 28G3010 2
285MACEN 28-0-2018 2
PBY5,5A,5B 28-0-2018 2
PBY-2,3,-4 28-0-2018 2
O.H. MODEL NEXT ASSY REQ
DETAIL ON C.O.
REPLACES 7060
LCW
APPROVED
4-25-38
DATE
REPLACED BY
.017
CALC. WT.
ACT. WT.
O. H.
MODEL
NEXT ASSY.
REQ
ST'D PARTS
LH RH REQ.
PART NO
LH RH REQ.
1/32
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
12" = 1'-0"
SCALE
REQUIREMENTS PER AIRPLANE
S.C. MAT
PARTS LIST PER ASSY.
A C
NAVY .040 ALUM. ALLOY — 24ST
MATERIAL
47A10 COND. T.
SPEC.
NONE
HEAT TREAT
Z - P
FINISH
DON WHEAT
O.W.M.
4-25-38
4-25-38
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT NO WHERE SHOWN
NAME
CLIP — TANK LOCKING
OPP. HAND
DWG. SIZE A
28-0-3002


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A TRACED 3-16-38
B -3 ASSEM. & PB REQ ADDED 12-6-39 DUNCAN
C "NORMALIZE... ALLOY WELD AS SHOWN" WT. CHG.
D ADDED NOTE: EXTREME CRACKING (NEG. WT. CHG.) 9-42 BOWERS
E REM. NOTE NORMALIZE -2 --- ALLOY. ADD NORMALIZE AFTER WELDING NO WT. CHG.
1/64
+1/64 -0
1/4
2 3/4
7/16
1R
AN 4037 OR P&W A-27319 (-3 ONLY)
P&W A-24634 FLANGE (FURNISHED BY P&W WITH OIL TEMP CONTROL UNIT) (-0 ASSEM. ONLY)
E
NORMALIZE AFTER WELDING
WELD AS SHOWN
FINISH CODE
Z AN-QQ-C TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
-2 1 O.D. x .035 C.M. STEEL TUBE
SPEC. 44T18
D BEAD END AS SHOWN
NOTE: EXTREME CARE SHOULD BE EXERCIZED IN THE WELDING OPERATION ON FORGING OF HIGH-CARBON CONTENT IN ORDER TO ELIMINATE CRACKING.
-3 28-0-5000 2
-3 28-5MN 28-0-5000 2
-3 28-0-5000 2
-3 PBY-5,5A,5B 28-0-5000 2
-0 PBY-4 28-0-5000 2
-0 PBY-3 28-0-5000 2
-0 XPB2Y-1 28-0-001 4
AN 4037
A 27319
P&W A-24634
28-0-3009
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED 3-16-38 DATE
.24 CALC. WT.
ACT WT.
SCALE 12" = 1'0"
NAVY NOTED
MATERIAL
NOTED
SPEC.
NOTED
HEAT TREAT
C-P-26P
FINISH
DRAFT
CHECK
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME FLANGE ASSEM.- OIL CHECK VALVE
OPP. HAND
A 28-0-3009

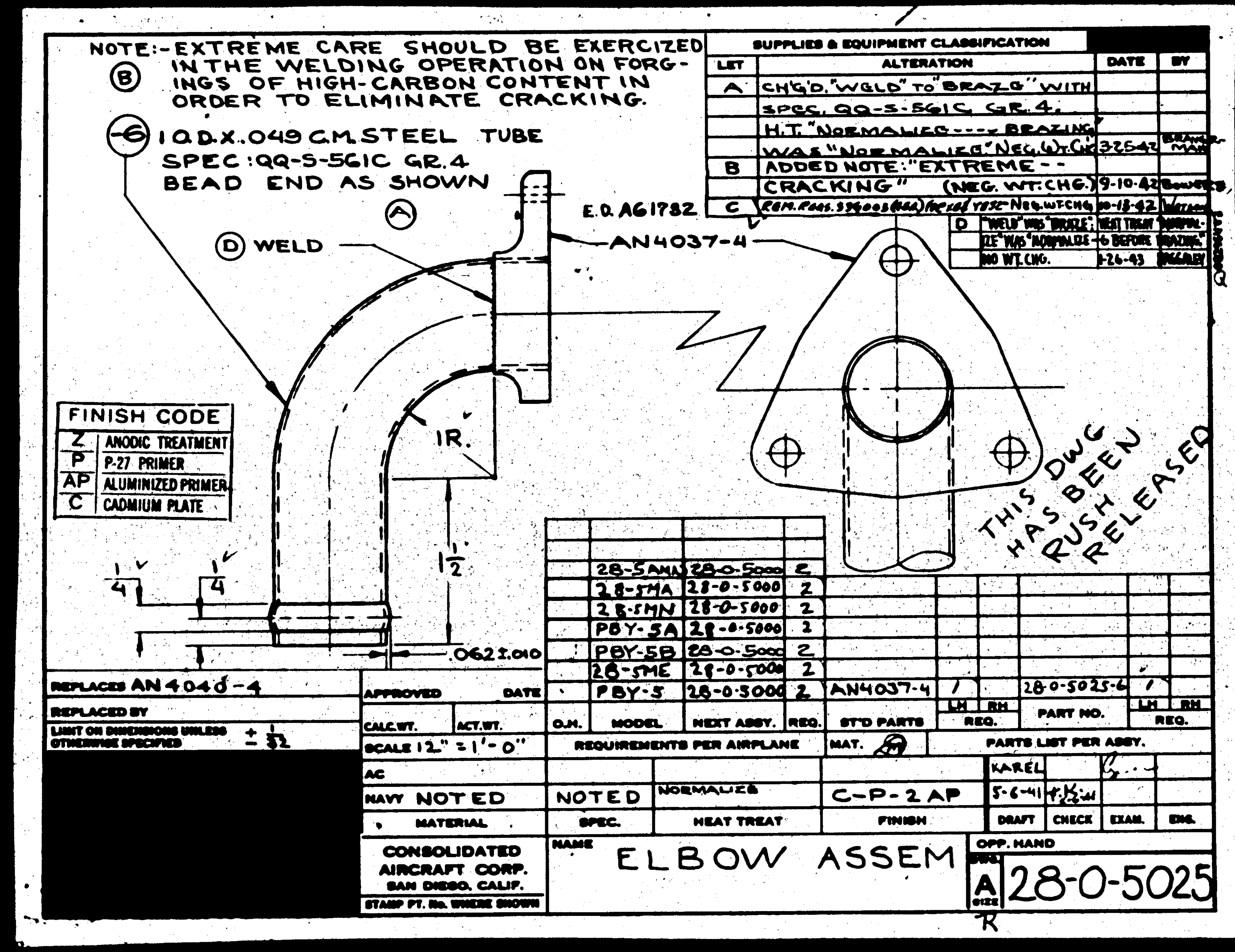


[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
D
1 23/32 ON 28-0-3035-0
1 17/32 ON 28-0-3035-6
DIA
3/16
.875 +.000 -.010
1/8
1000 +.000 -.005
.625 +.0015 -.000
.8765 DIA. ±.0005
CHAMFER 45° × 1/64
AFTER PLATING
E
NOTE
INNER REAM DIAMETER MUST BE CONCENTRIC WITH OUTER DIAMETER
28-0-3035-6 TO BE USED ON PB2Y-2 PBY-5 B-24A, & 28-5ME & LB.30
SEE RELEASES
-6 PBY-5B 28-0-2003 8
-6 PBY-5A 28-0-2003 8
-6 PB2Y-3 29-0-3005 16
28-5ME 29-0-1003 8
B24A 32-0-003 16
PBY-5 29-0-1003 8
PB2Y-2 29-0-1003 16
B-24 32-0-003 16
XB-24 32-0-003 16
LB30 32-0-003 16
PBY-3 28-0-2003
-6
-0
NAVY APPROVED
DATE 3-16-36
CALC. WT. .20
ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .005
SCALE 12" = 1'0"
MATERIAL SAE #4130 STEEL
SPEC'S. NO.: 57-107-19
HEAT TREAT (125,000 #/□")
FINISH CADMIUM PLATE
DRAFTSMAN 1-20-37 GODKNECHT
STRENGTH & W'T. EXAM MOFFATT
CHECKED FINK
APPR'VD. & REL'S'D. R
E ".625 +.0015 AFTER PLATING" WAS REAM .625 10-5-43
DIMENSIONS AT D 1 17/32 11-31-40
PB2Y-2 REQS ADDED 11-7-39
ADDED B-24 & XB24 REQMTS. 5-8-39
TRACED 3-16-36
CHANGED DATE CH. BY
BUSHING-OIL TANK-MOTOR MOUNT
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 28-0-3035
28-0-3035

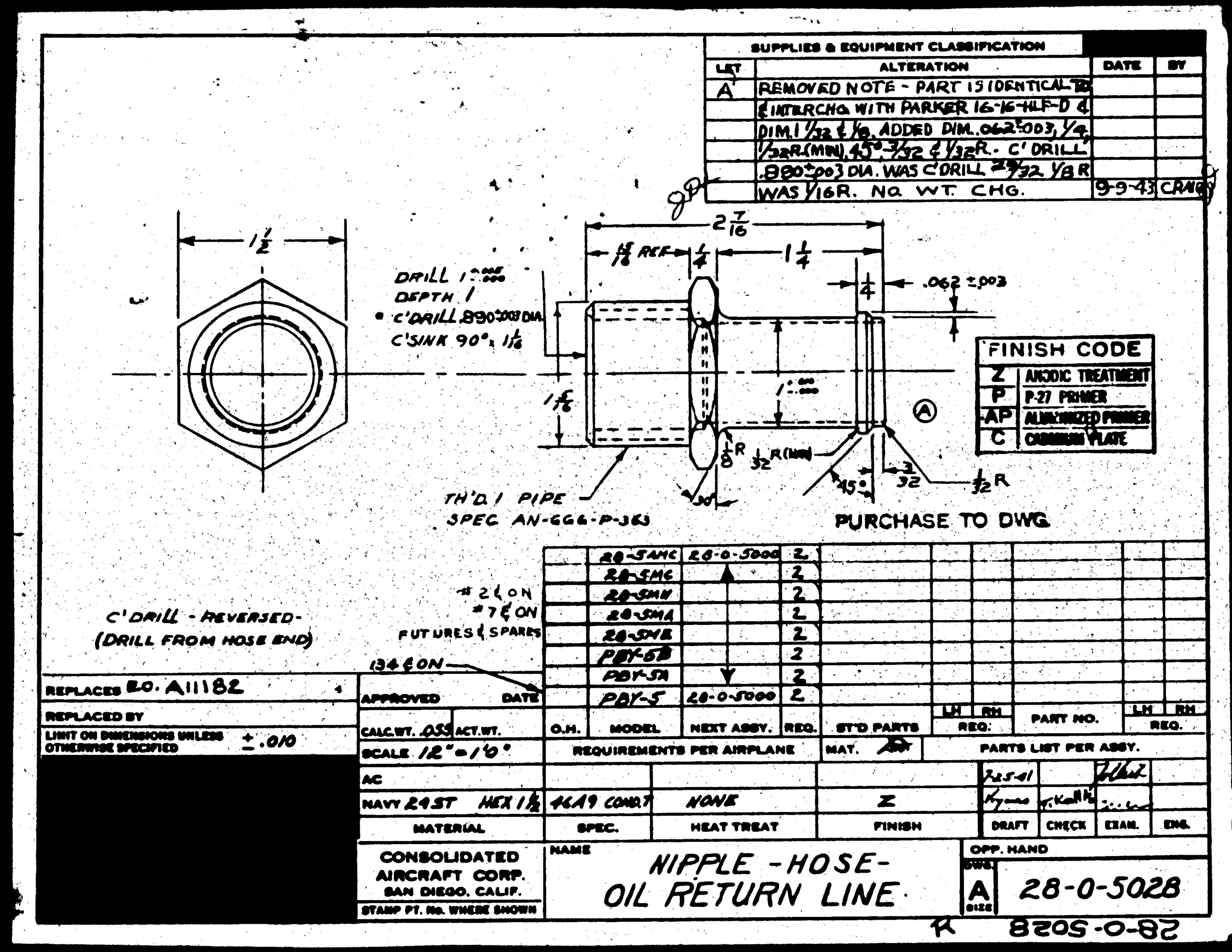

SECT A-A
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
C CADMIUM PLATE
PBY-5B 28-0-5013 4
REPLACES
REPLACED BY
LIMITS ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
SCALE
MODEL
NEXT ASSY
REQ
STD PARTS
PART NO
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY
MATERIAL
SPEC
HEAT TREAT
FINISH
ENG. FILE
CONSOLIDATED AIRCRAFT CORP
SAN DIEGO CALIF
NAME
CLIP
OIL COOLER STRAP
A 28-0-5017



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
E.D.C. 11405
A
1/4 R. TRUE WAS 3/16 R. TRUE, 1/2 WAS 3/8, 1/4 WAS 3/16, 5/8 WAS 3/16 (2 PL.) FACE.
1/4 R. TRUE
17/64 DIA.
1/4 R
1/2
DRILL #10 (.193)
30°
1/8 R
FLAT
.032
NOTE:- THIS PART MAY BE MADE ON TOOLS FOR 28-0-3000-25
PBY-5B 28-0-5001 2
PBY-5A 28-0-5001 2
PBY-5 28-0-5001 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 ± 1°
APPROVED
DATE
CALC.WT. .0056
ACT.WT.
SCALE 24" = 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY .032 BRASS SHT.
4782 H.H
NONE
NONE
10-11-40
KAREL
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
CLIP~OIL SYSTEM OIL COOLER BONDING
OPP. HAND
DWG SIZE A
28-0-5018

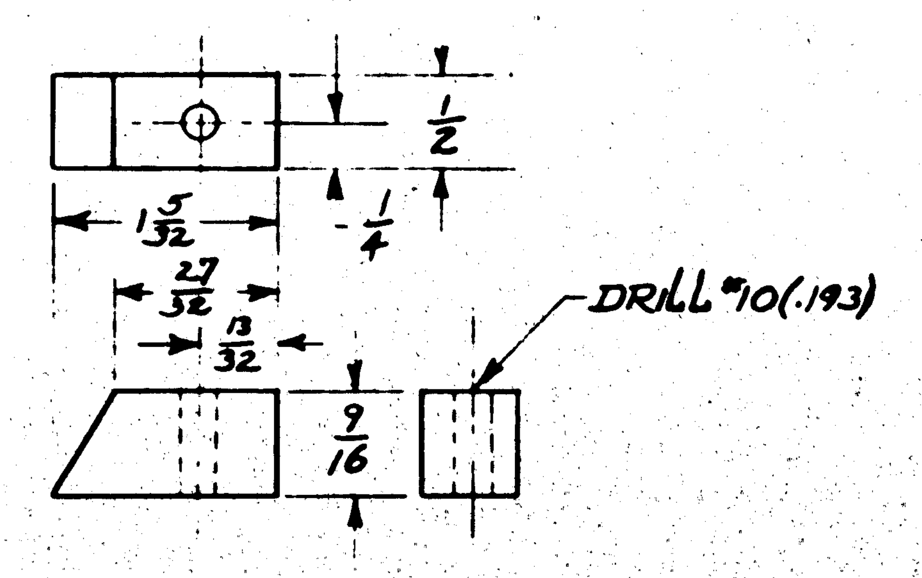


NOTE:- EXTREME CARE SHOULD BE EXERCIZED IN THE WELDING OPERATION ON FORGINGS OF HIGH-CARBON CONTENT IN ORDER TO ELIMINATE CRACKING.
B
-6 1 O.D. X .049 C.M. STEEL TUBE
SPEC: QQ-S-561C GR. 4
BEAD END AS SHOWN
A
D WELD
E.O. A61782
AN4037-4
1R.
1 1/2
1/4
1/4
.062±.010
THIS DWG HAS BEEN RUSH RELEASED
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A CHG'D. "WELD" TO "BRAZE" WITH SPEC. QQ-S-561C GR. 4.
H.T. "NORMALIZE - - - BRAZING" WAS "NORMALIZE" NEG. WT. CHG. 3-25-42
B ADDED NOTE: "EXTREME - - CRACKING" (NEG. WT. CHG.) 9-10-42
C NEG. WT. CHG. 10-13-42
D "WELD" WAS "BRAZE"; HEAT TREAT "NORMALIZE" WAS "NORMALIZE - 6 BEFORE BRAZING." NO WT. CHG. 1-26-43
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
28-5AMN 28-0-5000 2
28-5MA 28-0-5000 2
28-5MN 28-0-5000 2
PBY-5A 28-0-5000 2
PBY-5B 28-0-5000 2
28-5ME 28-0-5000 2
PBY-5 28-0-5000 2
AN4037-4 1
28-0-5025-6 1
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
REPLACES AN 4040-4
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
MAT.
AC
NAVY NOTED
NOTED
NORMALIZE
C-P-2 AP
KAREL
5-6-41
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
ELBOW ASSEM
OPP. HAND
DWG. A SIZE
28-0-5025



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
REMOVED NOTE - PART IS IDENTICAL TO
& INTERCHG. WITH PARKER 16-16-HLF-D &
DIM. 1 1/32 & 1/8. ADDED DIM. .062±.003, 1/4,
1/32R (MIN) 45°, 3/32 & 1/32R. - C'DRILL
.880±.003 DIA. WAS C'DRILL 29/32, 1/8 R
WAS 1/16R. No. WT. CHG.
9-9-43
1 1/2
2 7/16
15/16 REF
1/4
1 1/4
1/4
.062 ±.003
DRILL 1 +.005 -.000
DEPTH 1
C'DRILL .890±.003 DIA.
C'SINK 90° x 1 1/16
1 1/16
1 +.00 -.000
A
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
1/8 R
1/32 R (MIN)
45°
3/32
1/32 R
30°
TH'D. 1 PIPE
SPEC AN-GG-P-363
PURCHASE TO DWG.
28-5AMC
28-0-5000
2
28-5MC
2
28-5MH
2
28-5MA
2
28-5ME
2
PBY-5B
2
PBY-5A
2
PBY-5
28-0-5000
2
#2 & ON
#7 & ON
FUTURES & SPARES
134 & ON
C'DRILL - REVERSED -
(DRILL FROM HOSE END)
REPLACES E.O. A11182
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010
APPROVED
DATE
CALC. WT. .055
ACT. WT.
SCALE 12" = 1'0"
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY 24ST
HEX 1 1/2
46A9 COND. T
NONE
Z
7-25-41
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
NIPPLE - HOSE -
OIL RETURN LINE
OPP. HAND
DWG.
A
SIZE
28-0-5028
28-0-5028

LET	ALTERATION	DATE	BY
SUPPLIES & EQUIPMENT CLASSIFICATION			



PURCHASE TO DWG.

C. Nos (?) 464 / Con. 884764	PBY-5A	28-0-5032	4
Con. 91076	PBY-5	28-0-5032	4
	28-5AMA	28-0-5032	4
	PBY-5B	28-0-5032	4
O.H.	MODEL	NEXT ASSY.	REQ.

ST'D PARTS | LH / RH REQ. | PART NO. | LH / RH REQ.

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES 28F3124-4 FOR NOTED MODELS

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±1/32

APPROVED Klem DATE 1-9-42

CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

MAT. ZC

AC

NAVY Phenol. Lam. Type PBG

MATERIAL	SPEC.	HEAT TREAT	FINISH
Phenol. Lam. Type PBG	17P5	None	None

DRAFT	CHECK	EXAM.	ENG.
Hayman / F.D.H.	KAREL / CM	[illegible]	M. [illegible]

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

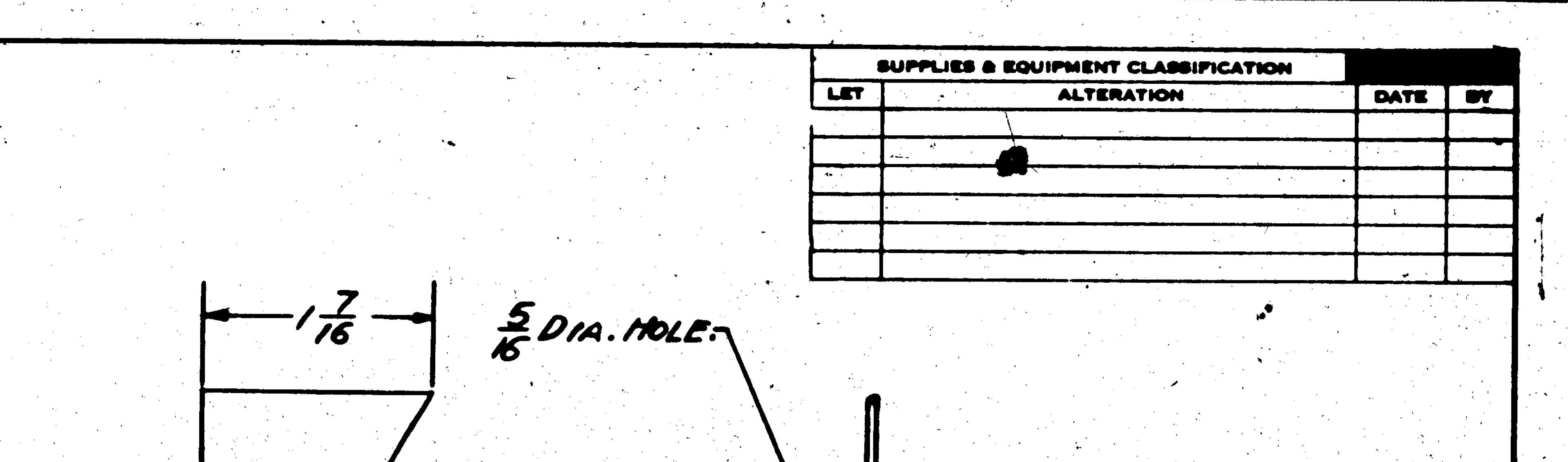
STAMP PT. No. WHERE SHOWN

NAME: BRACE - VACUUM PUMP RELIEF VALVE BRACKET

OPP. HAND

DWG. SIZE A — 28-0-5033

R



C-91876

	PBY-5	28-0-5035	1	
	PBY-5	28-0-5034	1	
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS

REQUIREMENTS PER AIRPLANE

LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [signature] DATE 2-18-42

CALC.WT.

ACT.WT.

SCALE 12" = 1'-0"

MAT. H B

AC

NAVY AL. ALL. EXT. K128BX 13/0

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY AL. ALL. EXT. K128BX 13/0	4689 CONDT	NONE	Z-P-2AP.	AUSTIN 2-17-42	[signature]	[signature] "	[signature]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

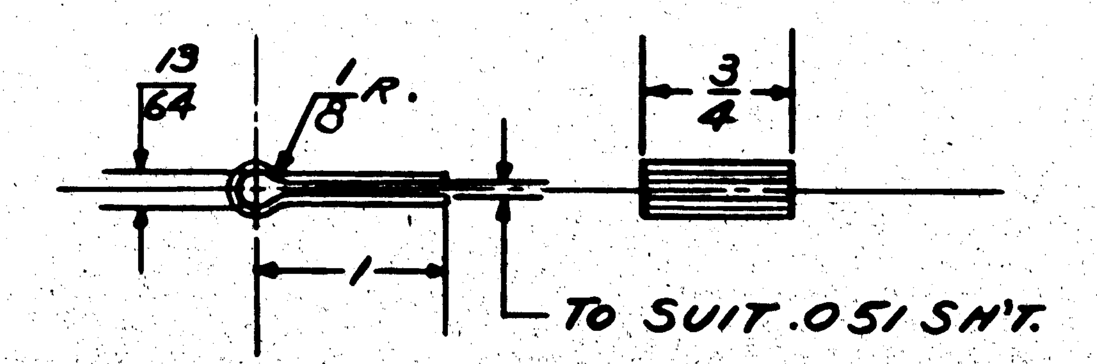
STAMP PT. No. WHERE SHOWN

NAME RETAINER - OIL TANK - (APV) SUPPORT ASS'Y LUG.

OPP. HAND

DWG. A SIZE 28-0-5037

R



LET	ALTERATION	DATE	BY
	SUPPLIES & EQUIPMENT CLASSIFICATION		

C-91876

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5	28-0-5035	1						
	PBY-5	28-0-5034	1						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32
APPROVED	DATE
CALC.WT.	ACT.WT.
SCALE	12" = 1'0"
MAT.	
AC	

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY ALCLAD. .032 x 3/4 x 3.	47A8	SR-53	Z-P-2AP.				

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

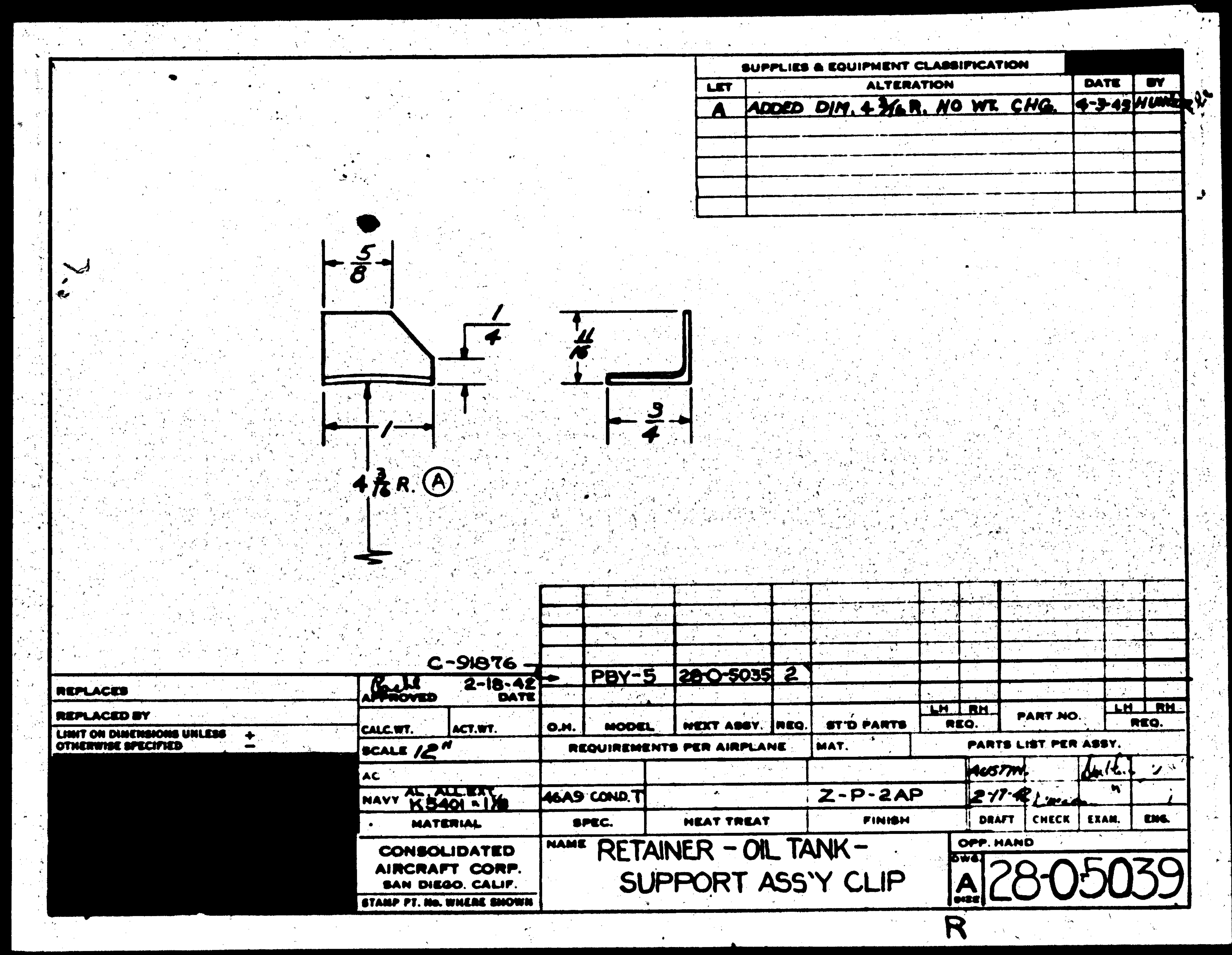
STAMP PT. No. WHERE SHOWN

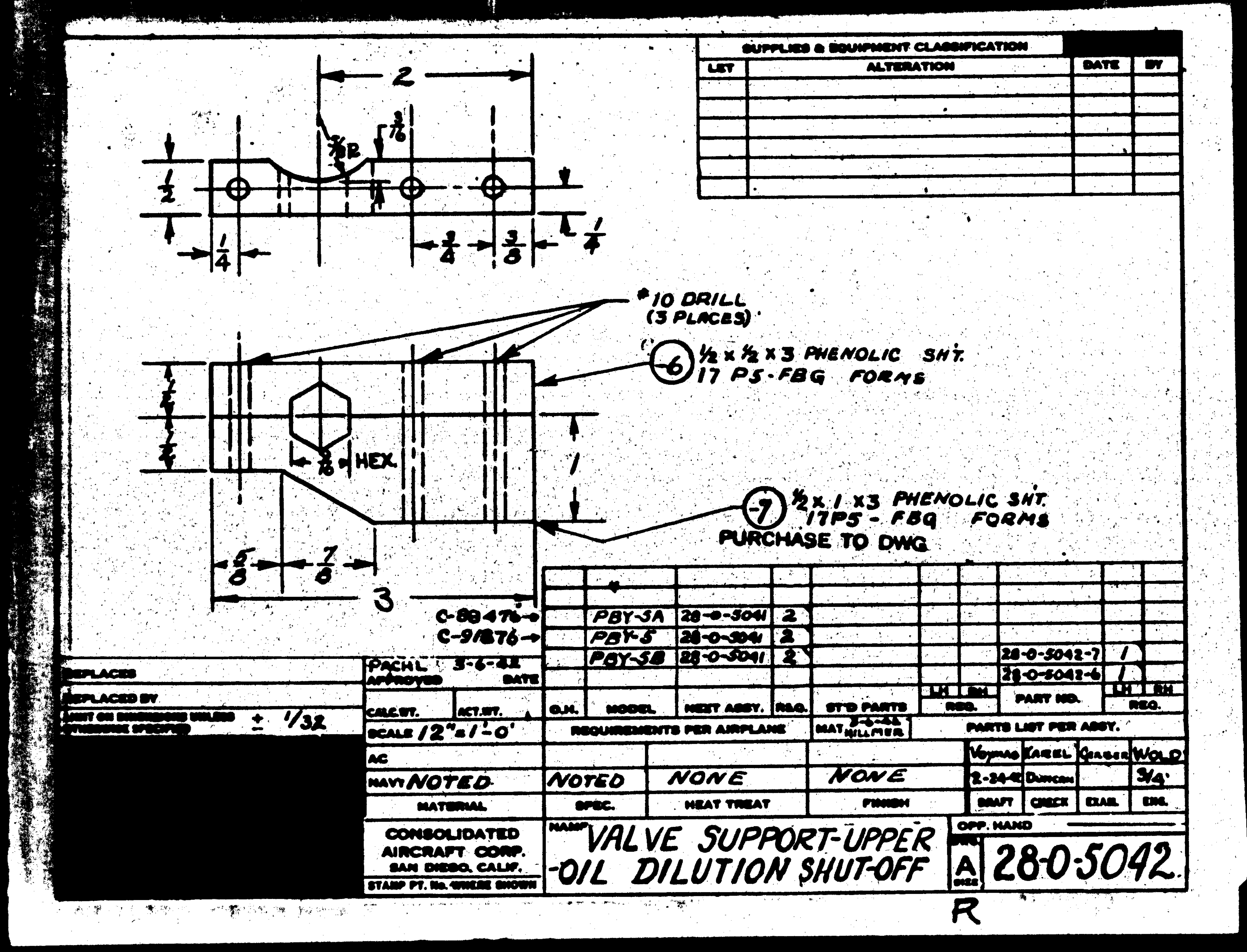
NAME CLIP - OIL TANK - SUPPORT ASS'Y. - A.P.U.

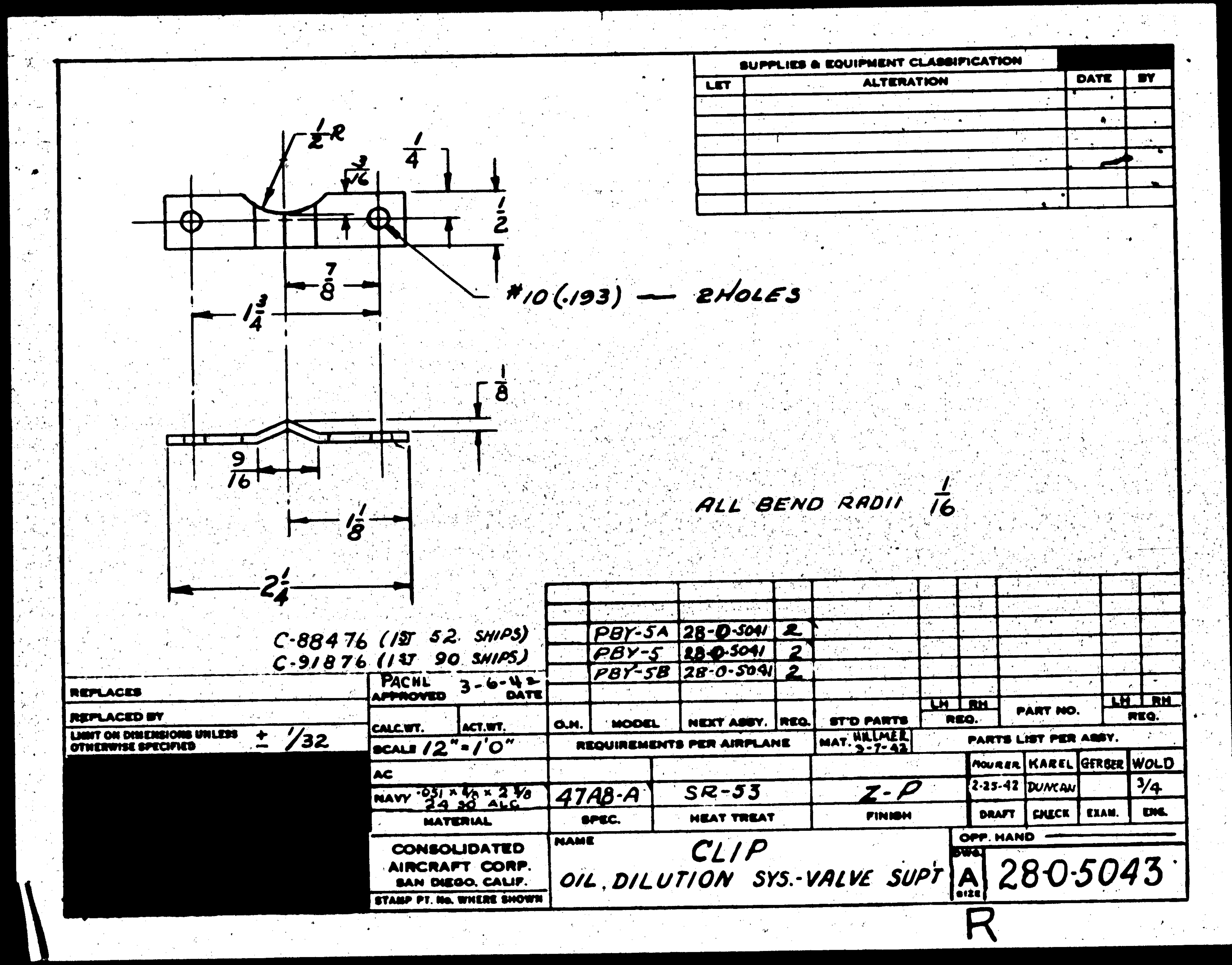
OPP. HAND

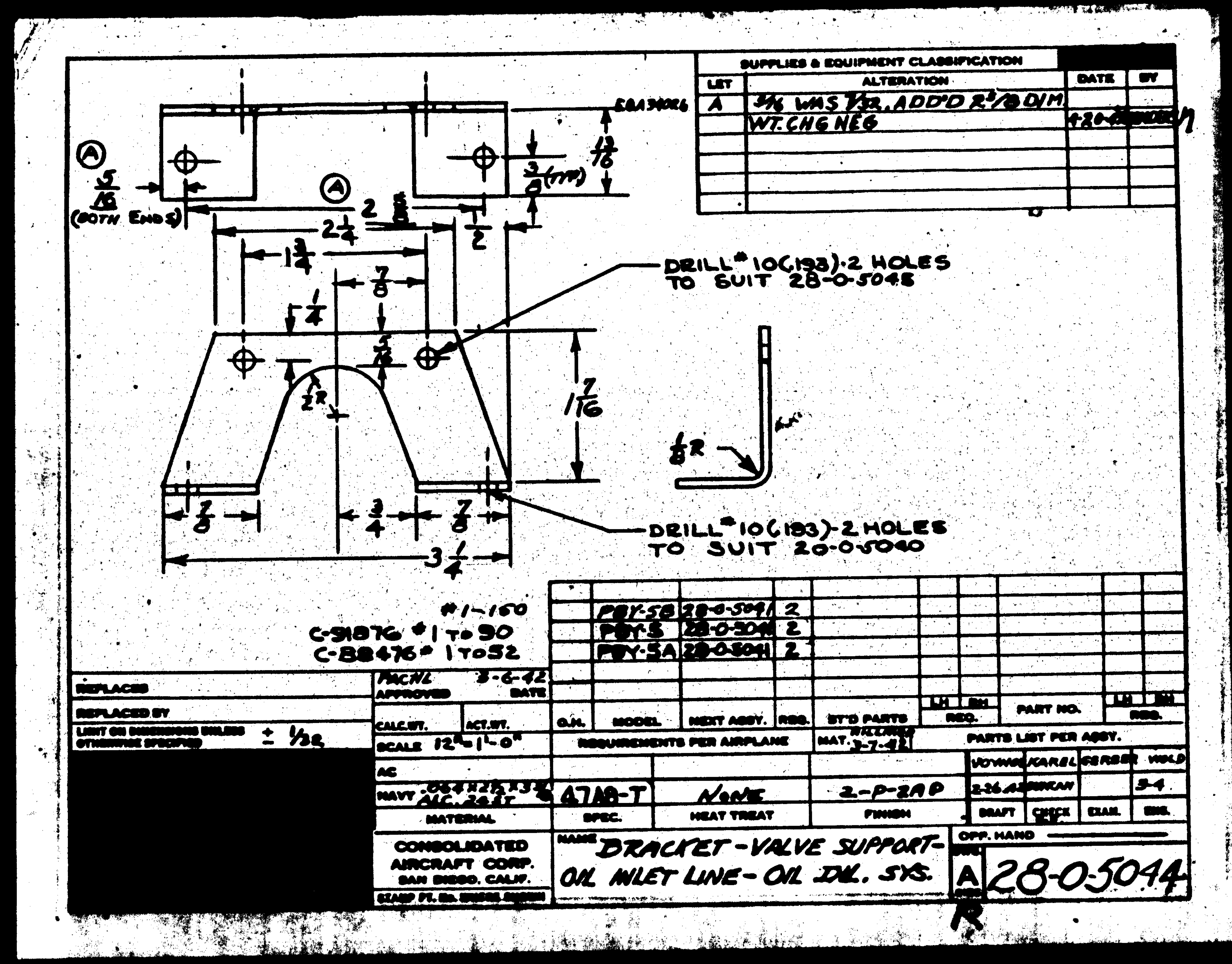
SIZE A — DWG. 28-0-5038.

R

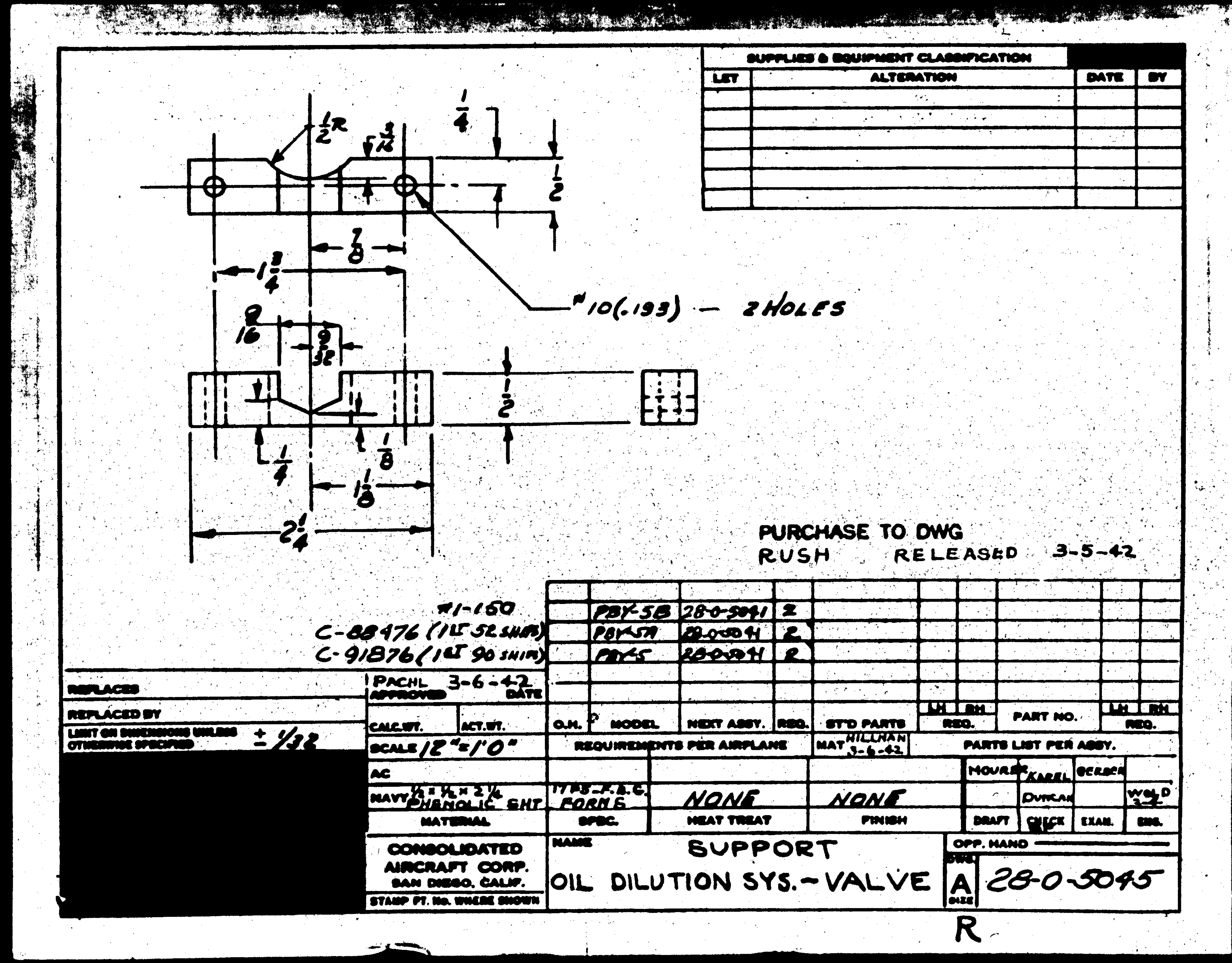

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ADDED DIM. 4 3/16 R. NO WT. CHG.
4-3-43
5/8
1/4
11/16
1
3/4
4 3/16 R. (A)
C-91876
PBY-5
28-0-5035
2
2-18-42
APPROVED
DATE
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
+
−
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
AL. ALL. EXT.
K5401 - 1/8
46A9 COND. T
Z-P-2AP
2-17-42
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
RETAINER - OIL TANK -
SUPPORT ASS'Y CLIP
OPP. HAND
DWG.
A
SIZE
28-05039
R

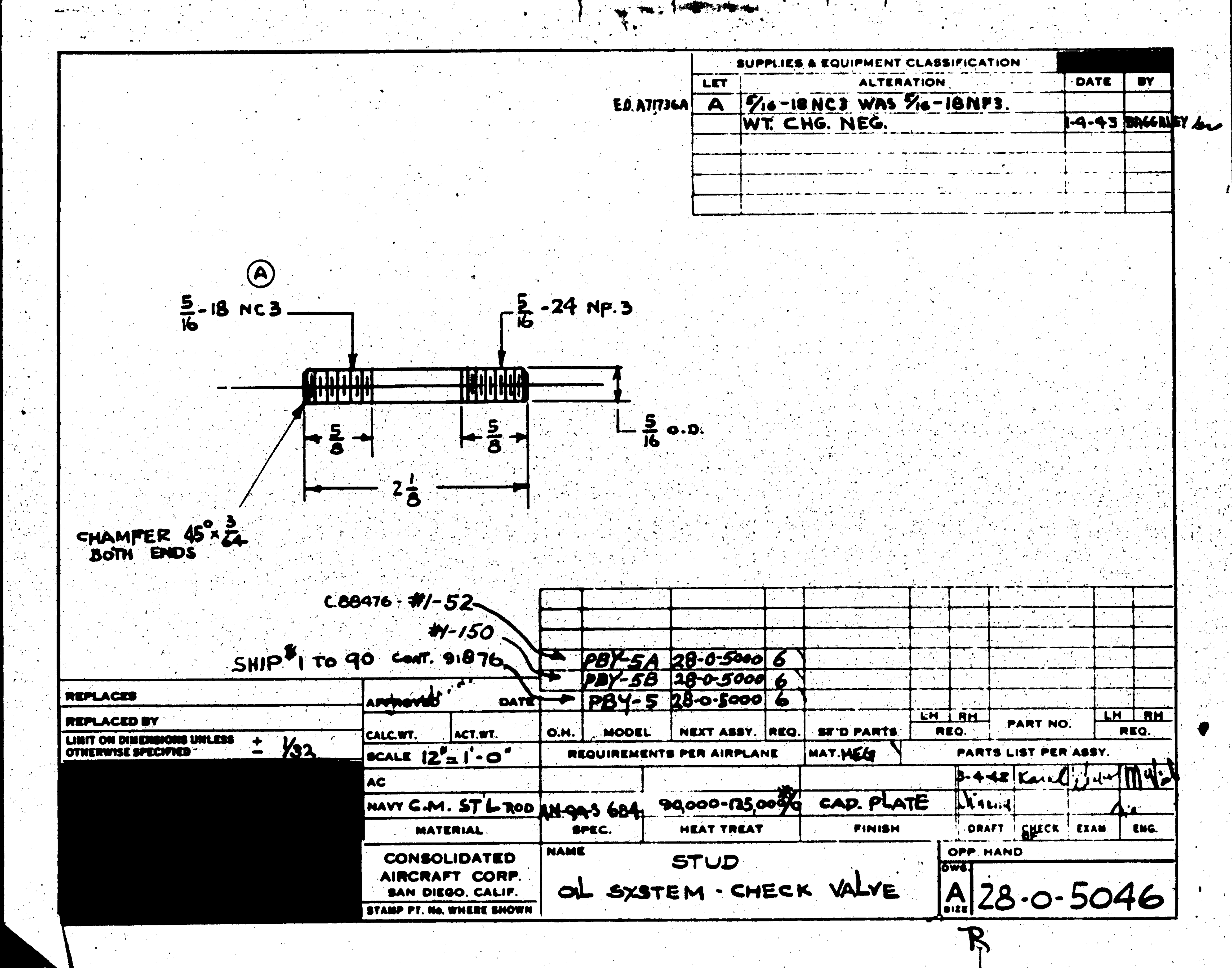

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
2
1/2
1/4
3/4
3/8
1/4
#10 DRILL
(3 PLACES)
-6 1/2 x 1/2 x 3 PHENOLIC SHT.
17 PS-FBG FORMS
HEX.
1
-7 1/2 x 1 x3 PHENOLIC SHT.
17PS - FBG FORMS
PURCHASE TO DWG
5/8
7/8
3
C-88476
C-91876
PBY-5A 28-0-5041 2
PBY-5 28-0-5041 2
PBY-5B 28-0-5041 2
28-0-5042-7 1
28-0-5042-6 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
PACHL 3-6-42
APPROVED DATE
CALC.WT.
ACT.WT.
SCALE 12"=1'-0"
AC
NAVY NOTED
MATERIAL
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT 3-6-42 HILLMER
PARTS LIST PER ASSY.
NOTED
SPEC.
NONE
HEAT TREAT
NONE
FINISH
Voyman
Kaiel
Graber
Wold
2-24-42
Duncan
3/4
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME VALVE SUPPORT-UPPER -OIL DILUTION SHUT-OFF
OPP. HAND
A
28-0-5042
R

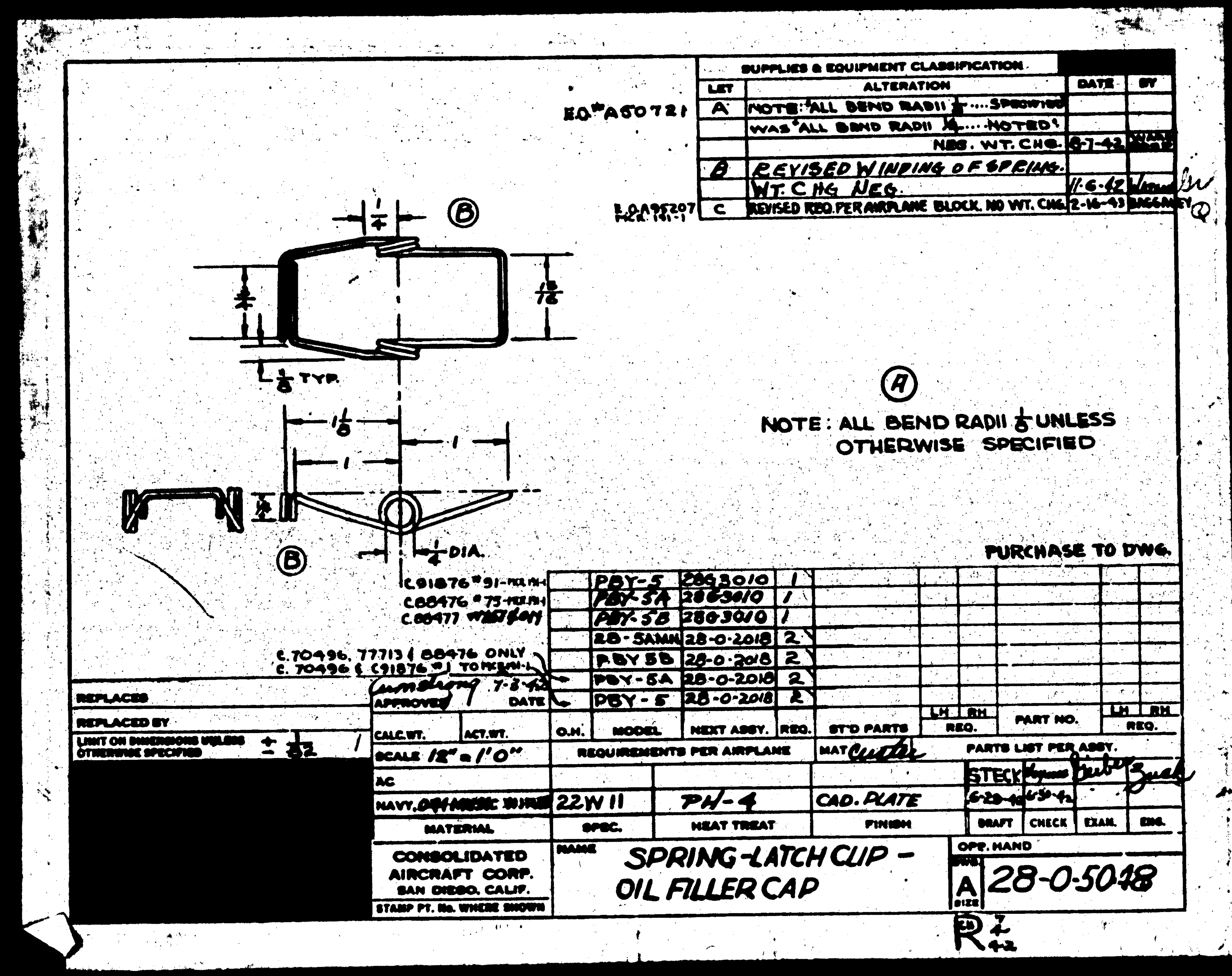

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1/2 R
3/16
1/4
1/2
7/8
1 3/4
#10 (.193) — 2 HOLES
1/8
9/16
1 1/8
2 1/4
ALL BEND RADII 1/16
C-88476 (1ST 52 SHIPS)
C-91876 (1ST 90 SHIPS)
PBY-5A 28-0-5041 2
PBY-5 28-0-5041 2
PBY-5B 28-0-5041 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
PACHL 3-6-42
APPROVED DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT. HILMER 3-7-42
PARTS LIST PER ASSY.
AC
NAVY .051 × 1/2 × 2 3/8 24 SO ALC.
MATERIAL
47A8-A
SPEC.
SR-53
HEAT TREAT
Z-P
FINISH
MOURER KAREL GERBER WOLD
2-25-42 DUNCAN 3/4
DRAFT CHECK EXAM. ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
CLIP
OIL DILUTION SYS.-VALVE SUPT
DWG. A SIZE
28-0-5043
R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
3/16 WAS 7/32, ADD'D 2 3/8 DIM
WT. CHG NEG
DRILL #10(.193)-2 HOLES TO SUIT 28-0-5045
DRILL #10(.193)-2 HOLES TO SUIT 20-0-5040
(BOTH ENDS)
#1-160
C-91876 #1 TO 90
C-88476 #1 TO 52
PBY-5B
PBY-5
PBY-5A
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
3-6-42
CALC.WT.
ACT.WT.
SCALE 12"=1'-0"
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
None
2-P-2AP
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
PART NO.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
NAME BRACKET - VALVE SUPPORT - OIL INLET LINE - OIL INL. SYS.
A
28-0-5044


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
#10(.193) — 2 HOLES
PURCHASE TO DWG
RUSH RELEASED 3-5-42
#1-160
C-88476 (1ST 52 SHIPS)
C-91876 (1ST 90 SHIPS)
PBY-5B 28-0-5041 2
PBY-5A 28-0-5041 2
PBY-5 28-0-5041 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
PACHL 3-6-42
APPROVED DATE
CALC.WT.
ACT.WT.
SCALE 12"=1'0"
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT HILLMAN 3-6-42
PARTS LIST PER ASSY.
AC
NAVY
1/2 x 1/2 x 2 1/4 PHENOLIC SHT
17PS-F.B.C. FORMS
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
MOURER
KAREL
GERBER
DUNCAN
WALD 3-4
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
SUPPORT
OIL DILUTION SYS.-VALVE
OPP. HAND
DWG.
A
SIZE
28-0-5045
R

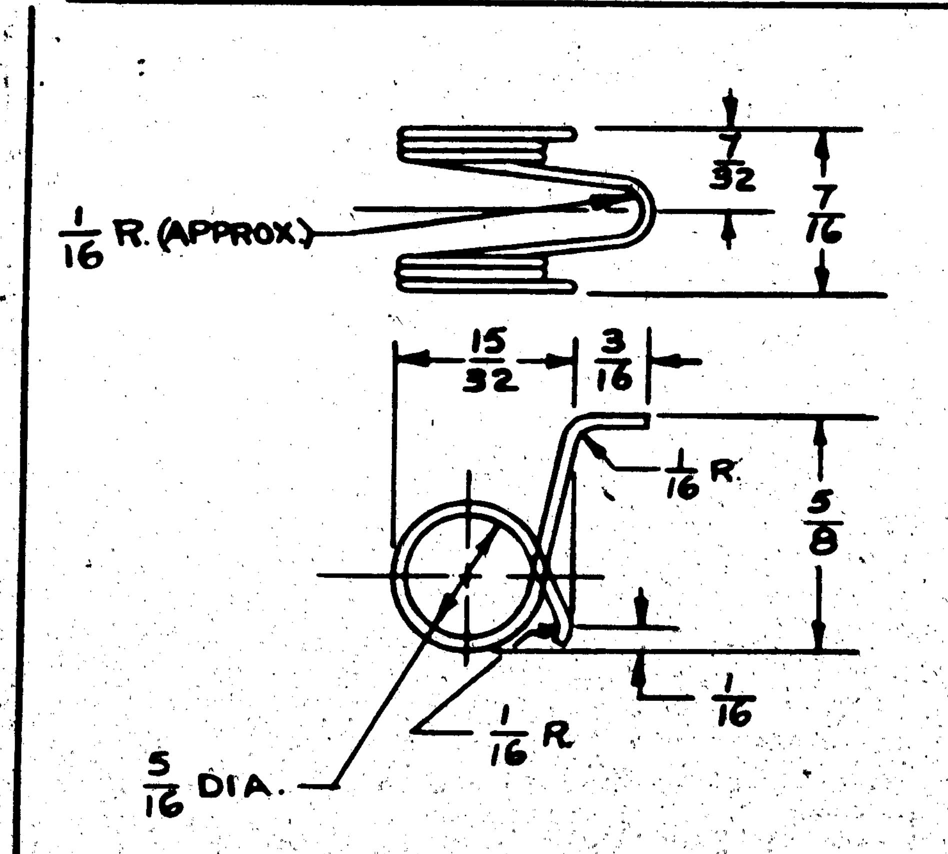

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]
LET
ALTERATION
DATE
BY
E.O. A71736A
A
5/16-18NC3 WAS 5/16-18NF3.
WT. CHG. NEG.
1-4-43
A
5/16-18 NC3
5/16-24 NF.3
5/16 O.D.
5/8
5/8
2 1/8
CHAMFER 45° x 3/64
BOTH ENDS
C.88476 - #1-52
#1-150
SHIP #1 TO 90 CONT. 91876
PBY-5A 28-0-5000 6
PBY-5B 28-0-5000 6
PBY-5 28-0-5000 6
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT. NEG
PARTS LIST PER ASSY.
AC
3-4-42
NAVY C.M. ST'L ROD
AN-QQ-S 684
90,000-125,000#
CAD. PLATE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
STUD
OIL SYSTEM - CHECK VALVE
OPP HAND
DWG.
A
SIZE
28-0-5046
R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
NOTE: ALL BEND RADII .... SPECIFIED
WAS ALL BEND RADII .... NOTED
NEG. WT. CHG.
8-7-42
B
REVISED WINDING OF SPRING.
WT. CHG NEG.
11-6-42
C
REVISED REQ. PER AIRPLANE BLOCK. NO WT. CHG.
2-16-43
E.O.# A50721
E.O.A95207
B
1/4
13/16
1/8 TYP.
1 1/8
1
1
1/4 DIA.
B
A
NOTE: ALL BEND RADII 1/8 UNLESS OTHERWISE SPECIFIED
PURCHASE TO DWG.
C.91876 #91-
C.88476 #75-
C.88477
C.70496, 77713 & 88476 ONLY
C.70496 & C91876 #1 TO
PBY-5
2863010
1
PBY-5A
2863010
1
PBY-5B
2863010
1
28-5AMN
28-0-2018
2
PBY 5B
28-0-2018
2
PBY-5A
28-0-2018
2
PBY-5
28-0-2018
2
7-3-42
APPROVED
DATE
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT
PARTS LIST PER ASSY.
AC
STECK
NAVY
22W11
PH-4
CAD. PLATE
6-29-42
6-30-42
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
SPRING-LATCH CLIP - OIL FILLER CAP
OPP. HAND
A
SIZE
28-0-5018

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	IN REQ/ASSY BLOCK CHANGED REQMTS		
	FOR N.A. 2863010 FROM 1 REQ. TO		
	2 REQ. No WT. CHG.	7-7-43	[illegible]

CR 31570



PURCHASE TO DWG.

APPROVED FOR TOOLING BY V. Brown 2-25-43

M.C.R. # 191-1

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28-0-2018	2						
	PBY-5	28-0-2018	2						
	PBY-5A	2863010	2						
	PBY-5	2863010	2						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES E.O.A 62165

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED [signature] DATE 3-5-43

CALC. WT. — ACT. WT.

SCALE 24" = 1'0"

MAT. [illegible]

AC

NAVY

MATERIAL	SPEC.	HEAT TREAT	FINISH
.041 MUSIC WIRE	AN-QQ-W411	PH-4	CAD. PLATE BAISE

DRAFT	CHECK	EXAM.	ENG.
MOE 2-18-43	WENGER 2-19-43	[signature]	[signature]

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

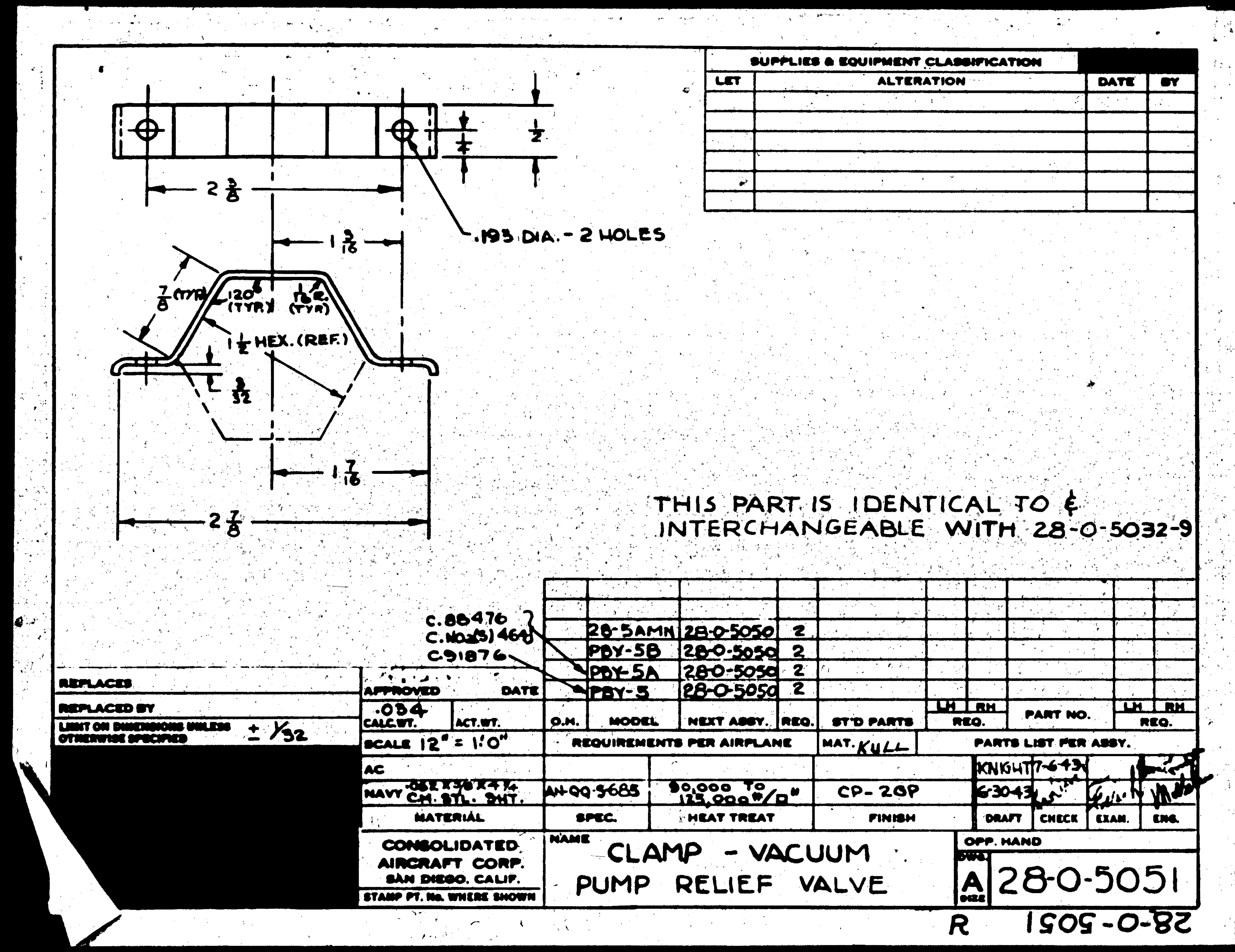
STAMP PT. No. WHERE SHOWN

NAME SPRING-LATCH CLIP-OIL FILLER CAP

OPP. HAND

DWG. A SIZE 28-0-5049

R 28-0-5049



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

THIS PART IS IDENTICAL TO & INTERCHANGEABLE WITH 28-0-5032-9

C.88476, C.No2(5) 468, C91876

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-5AMN	28-0-5050	2						
	PBY-5B	28-0-5050	2						
	PBY-5A	28-0-5050	2						
	PBY-5	28-0-5050	2						

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED — DATE

CALC.WT. .034 — ACT.WT.

SCALE 12" = 1'0" — REQUIREMENTS PER AIRPLANE — MAT. KULL — PARTS LIST PER ASSY.

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC				
NAVY	.032 X 5/8 X 4 1/4 C.M. STL. SHT.	AN-QQ-S-685	90,000 TO 125,000#/□"	CP-20P

DRAFT	CHECK	EXAM.	ENG.
KNIGHT 7-6-43			
6-30-43			

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

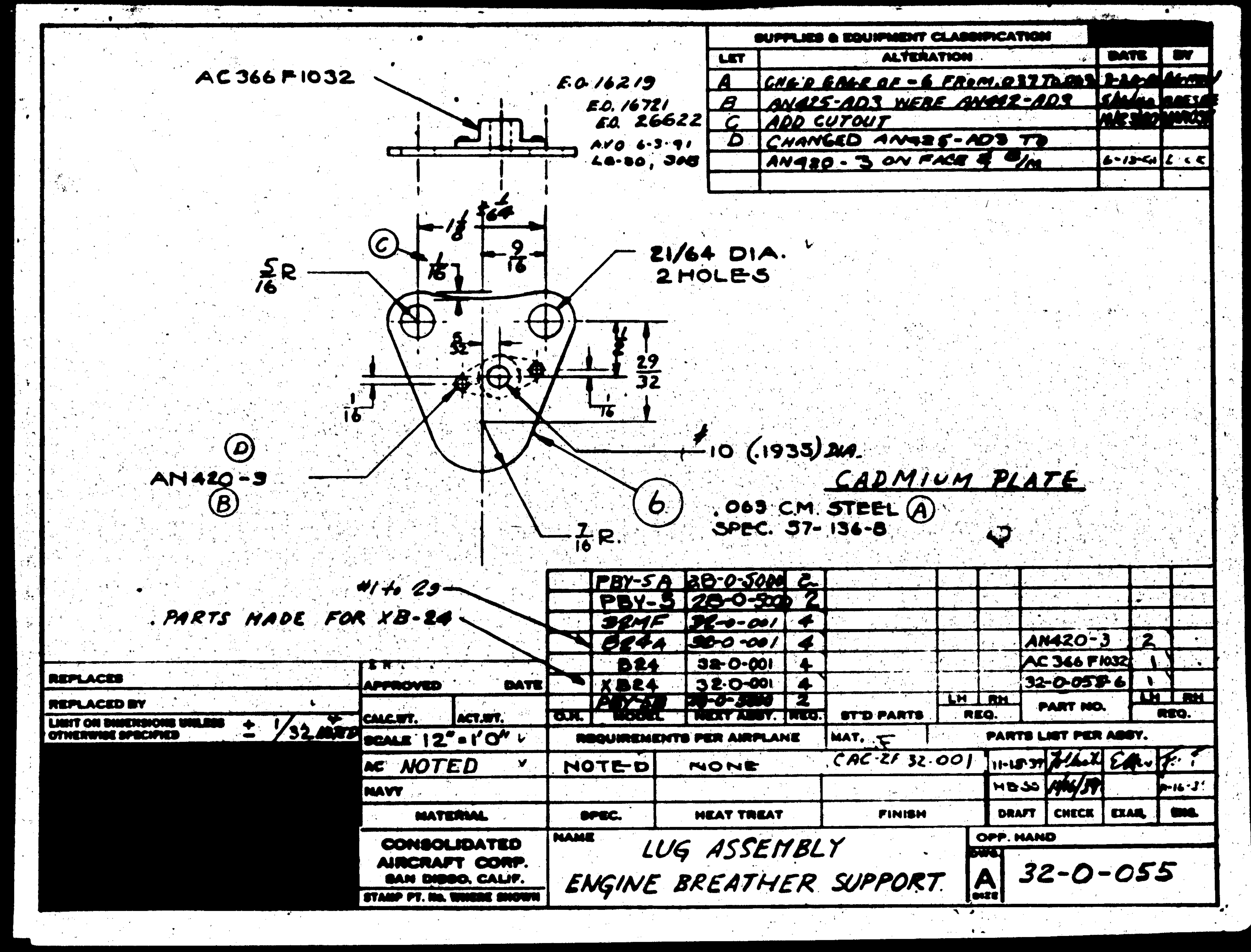
STAMP PT. No. WHERE SHOWN

NAME: CLAMP - VACUUM PUMP RELIEF VALVE

OPP. HAND

DWG. SIZE A — 28-0-5051

R 28-0-5051



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
B AN425-AD3 WERE
C ADD CUTOUT
D CHANGED AN425-AD3 TO AN420-3 ON FACE
AC 366 F1032
E.O. 16219
E.O. 16721
E.O. 26622
21/64 DIA. 2 HOLES
10 (.1935) DIA.
CADMIUM PLATE
.063 C.M. STEEL A
SPEC. 57-136-8
AN420-3
PARTS MADE FOR XB-24
PBY-5A
PBY-5
B24A
B24 32-0-001 4
XB24 32-0-001 4
AN420-3 2
AC 366 F1032 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
PART NO.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC NOTED
NOTE D
NONE
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
LUG ASSEMBLY
ENGINE BREATHER SUPPORT
OPP. HAND
A
32-0-055

EO# AG2361
CAC #39

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	REVISED REQ'TS/AIRPLANE. NO WT. CHG.	12-2-42	[illegible]

1 5/8 DIA.

9/64 DIA.
6 HOLES EQUALLY SPACED.

1 1/4 DIA.

5/8 DIA.

C-91876
#1 & ON

C-91876
#1-30

#1 to 29

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28E5260	1
	PBY-5	28E5231	1
	PBY-5	28E5159	1
	PBY-5	28E5147	1
	XB24B	32-0-1027	4
	B24E	32-0-1027	4
	LB30	32-0-049	4
	B-24D	32-0-1027	4
	B-24C	32-0-1027	4
	B24A	32-0-049	4
	B-24	32-0-049	4

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED H. [illegible] DATE

CALC. WT. | ACT. WT.

SCALE 12" = 1'0"

MAT. [illegible]

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC	1/32 VELLUMOID	COMM.	NONE.	NONE
NAVY				

DRAFT	CHECK	EXAM.	ENG.
FALLICK	[illegible]	[illegible]	[illegible]
3-2-40			3-5-40

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME
GASKET
1/4 + 3/8 PT. FLANGE

OPP. HAND

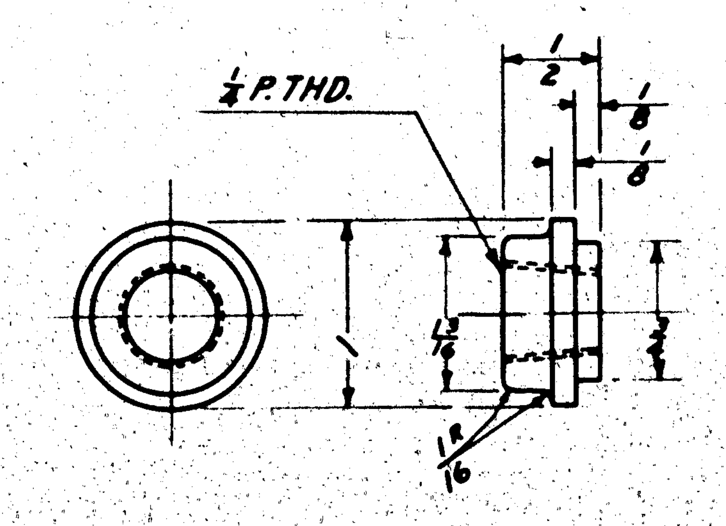
SIZE A

32-0-064

[illegible] RUDIS [illegible] 3-25-41

31K

LET	ALTERATION	DATE	BY
SUPPLIES & EQUIPMENT CLASSIFICATION			
C	TRACED	8-25-37	Ashton



C-88476

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5A	28C1138	1						
	PBY-5B	28C1138	1						
	PBY-1	28C1138	1						

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

[redacted] APPROVED 8-25-37 DATE

CALC.WT. .02 | ACT.WT.

SCALE 12" = 1'-0"

AC

NAVY ALUMINUM ROD	46A3 H.H.	—	—
MATERIAL	SPEC.	HEAT TREAT	FINISH

DRAFT	CHECK	EXAM.	ENG.
[signature] 1-16-31	Horner 8-26-37	Miller 3-1-32	

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

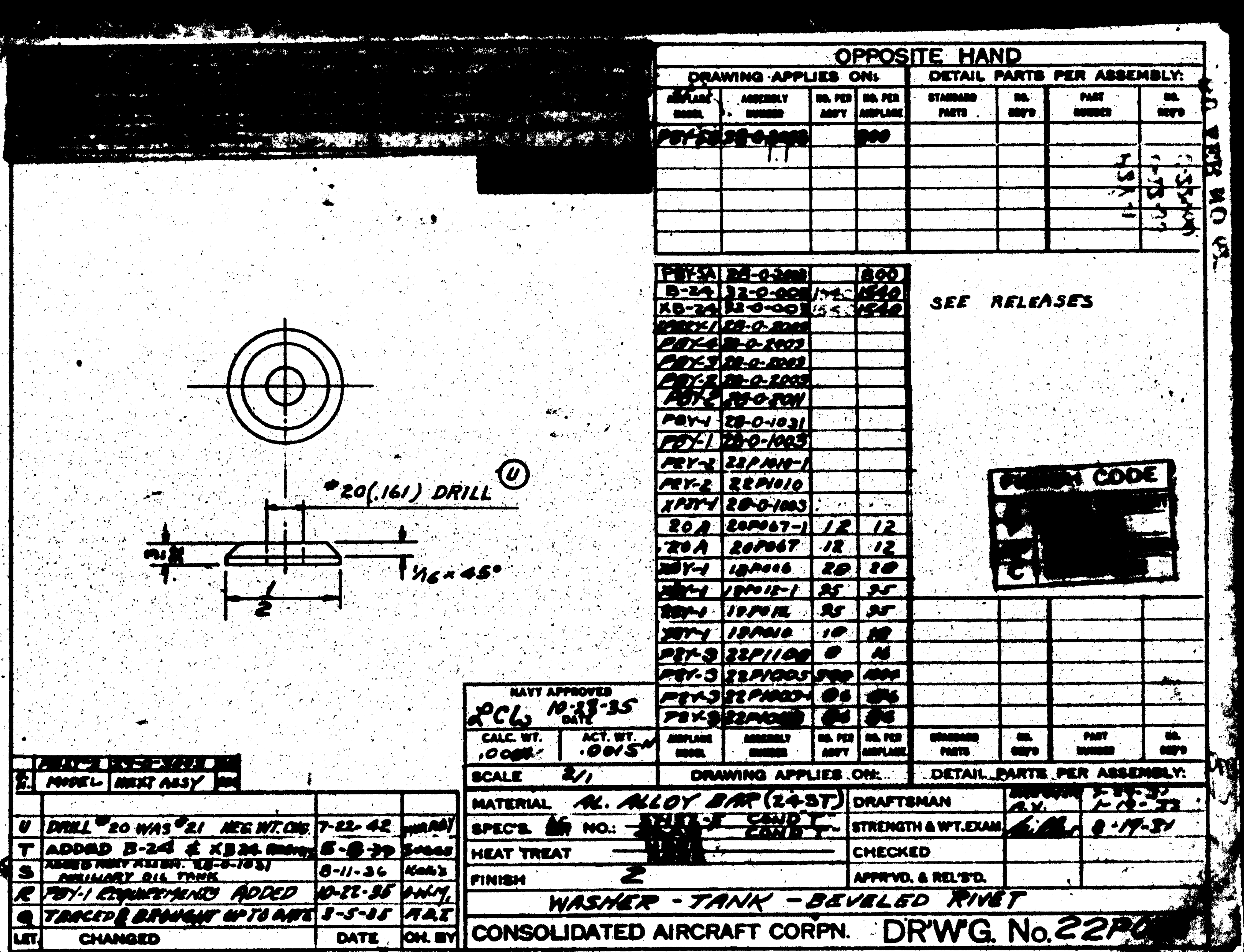
STAMP PT. No. WHERE SHOWN

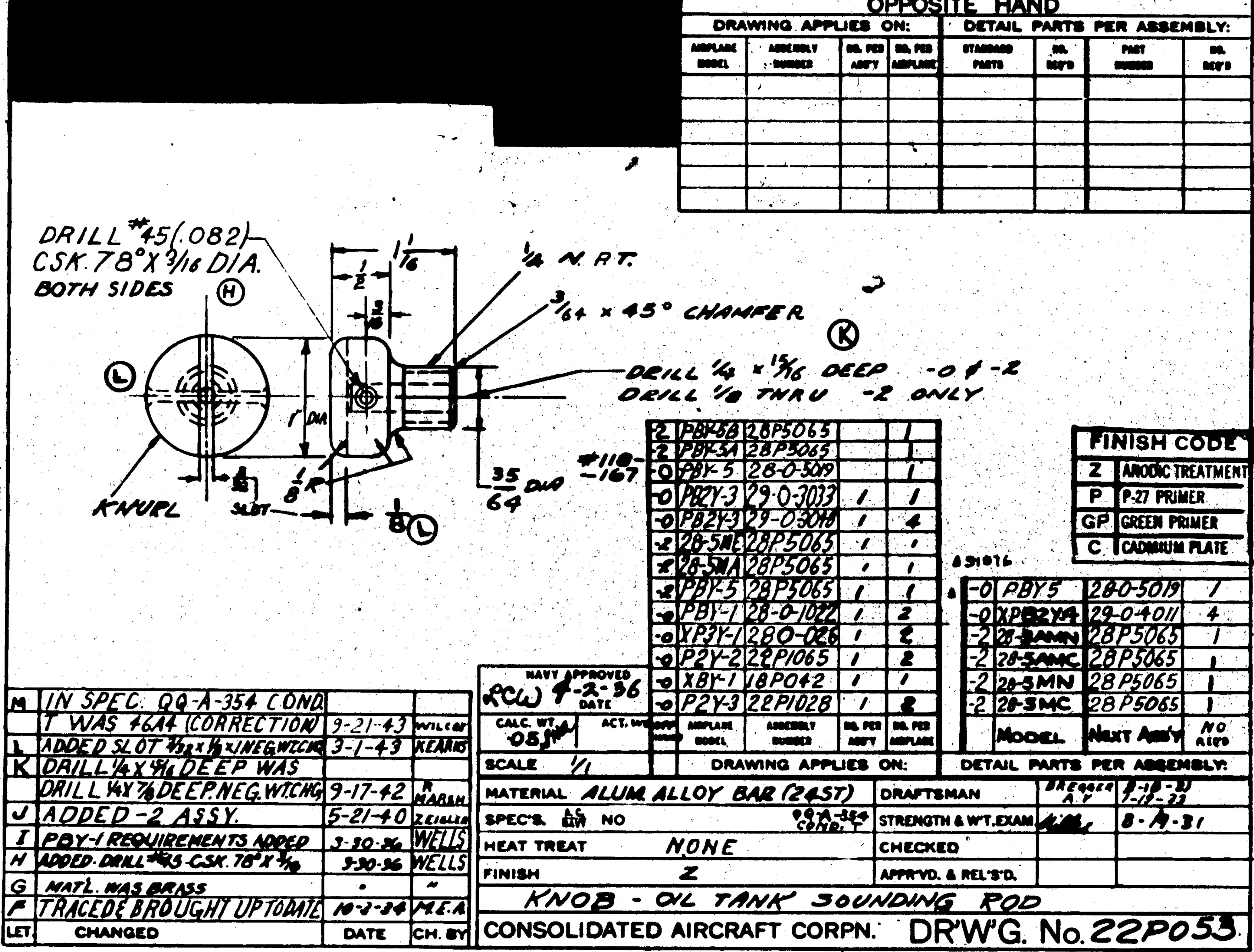
NAME: FLANGE-FEMALE-WATER-SUMP

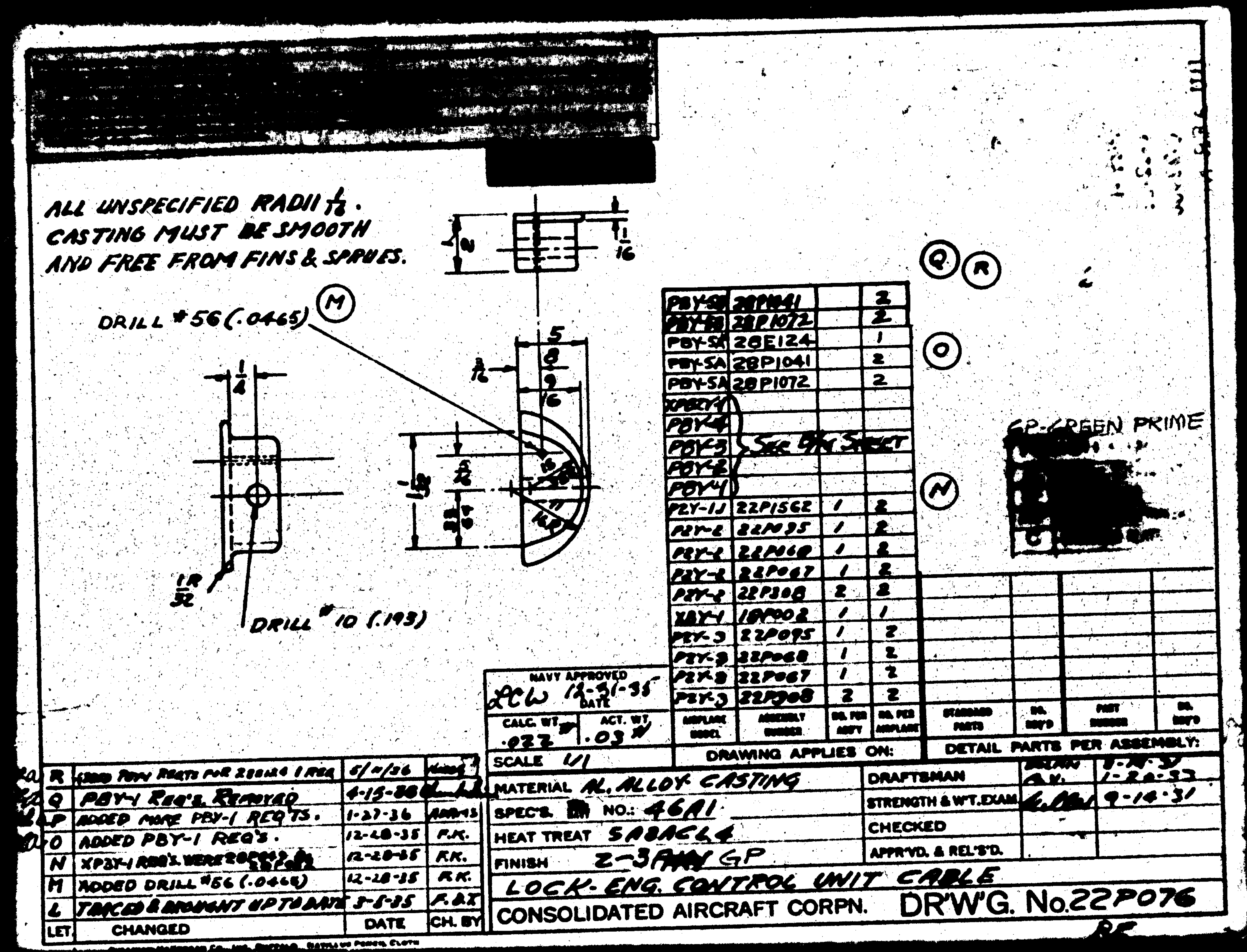
OPP. HAND

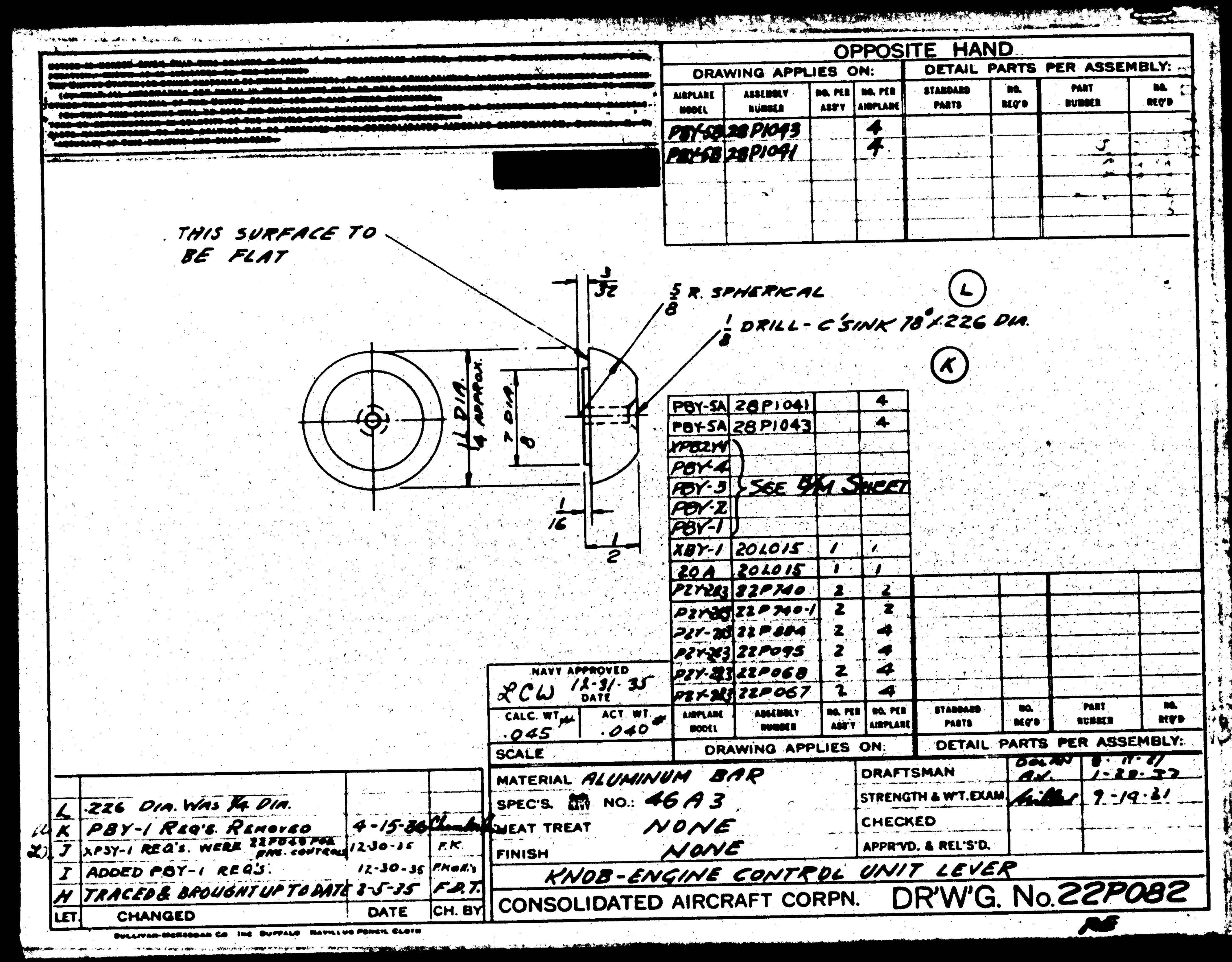
DWG. SIZE A 17P118

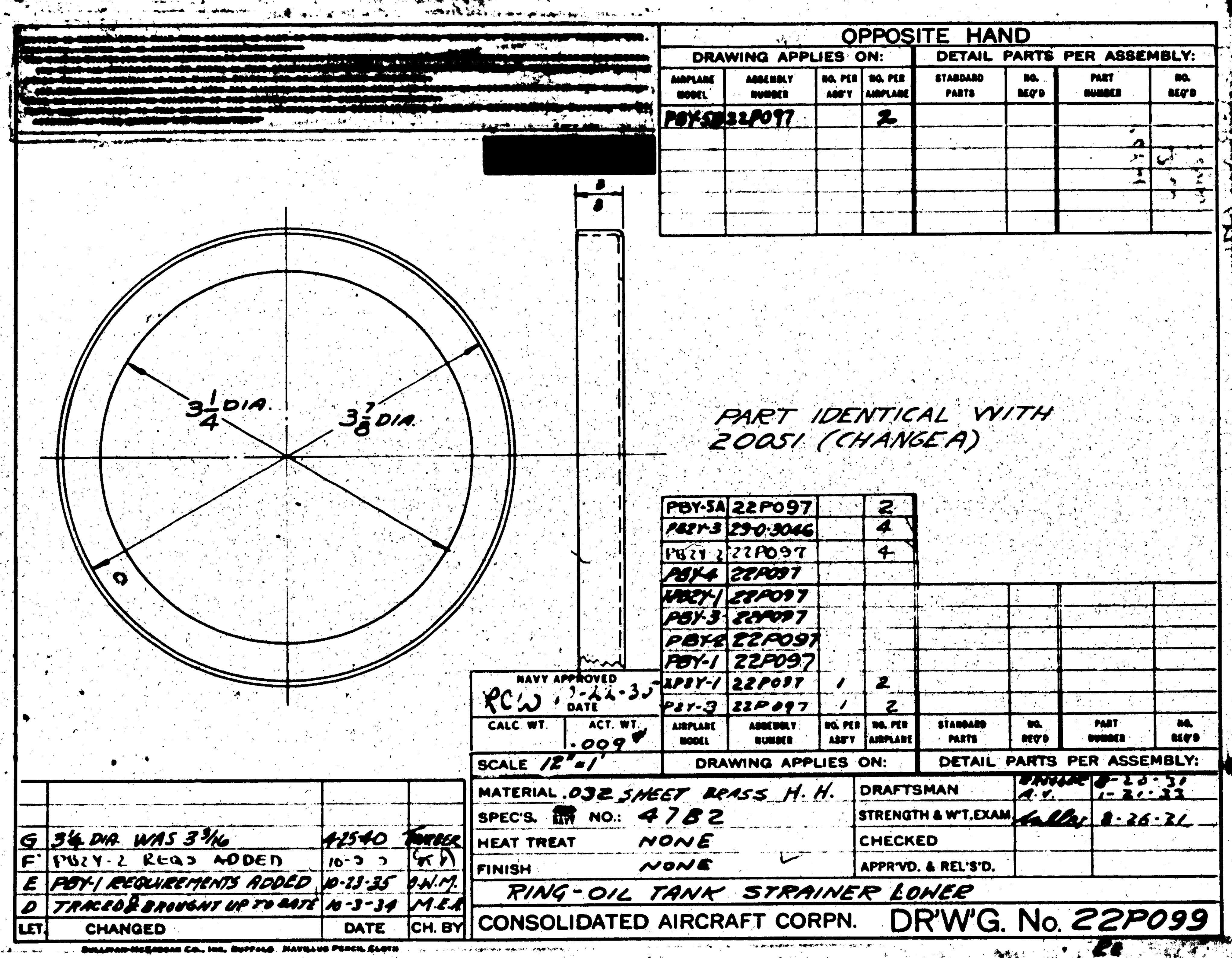
DULLIVAN-MCKEEGAN CO. INC. BUFFALO (IMPERIAL TRACING CLOTH)

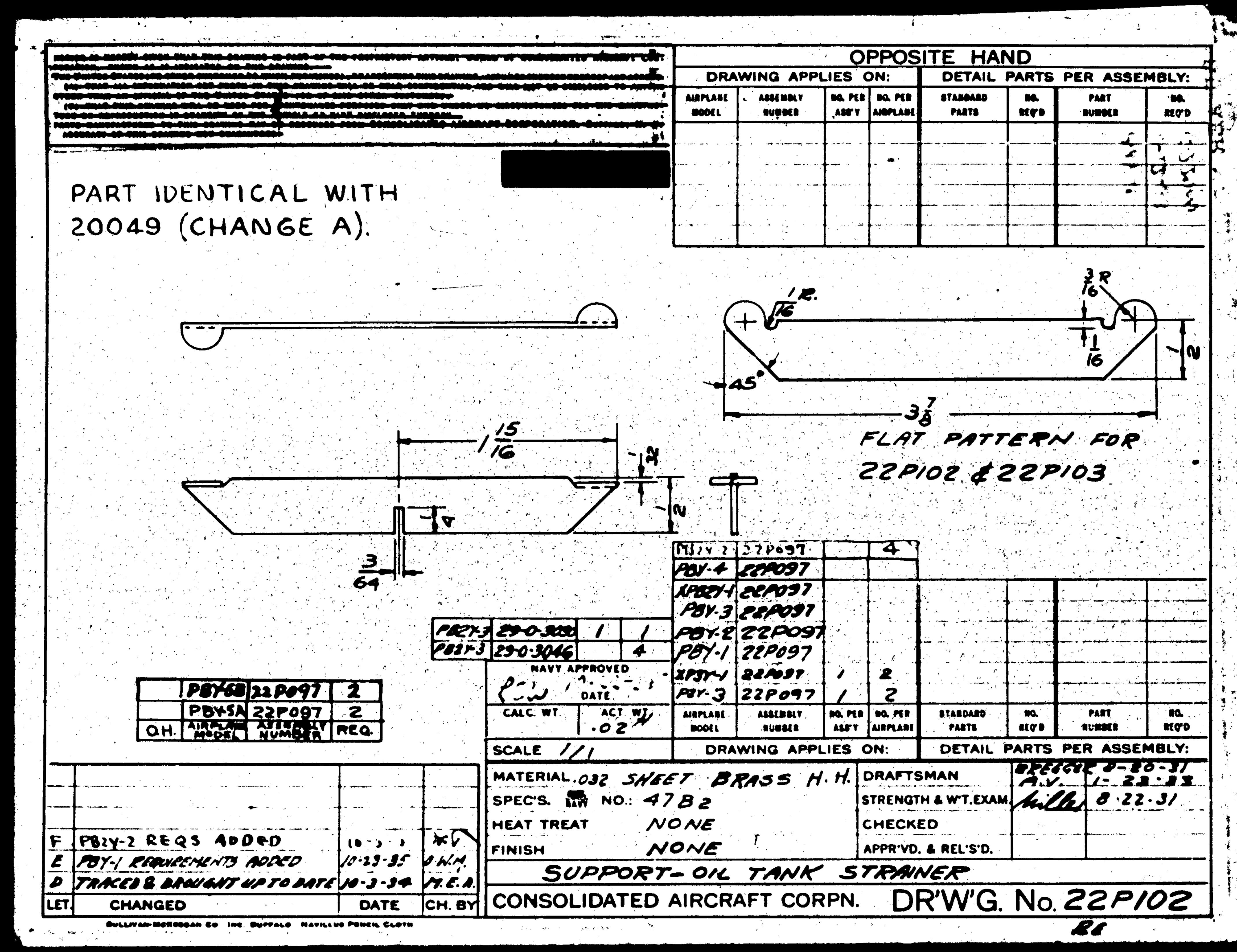

OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
SEE RELEASES
PBY-1 28-0-1031
B-24 32-0-005
20A 20P067-1 12 12
20A 20P067 12 12
#20(.161) DRILL
1/16 × 45°
1/2
FINISH CODE
NAVY APPROVED
10-23-35
DATE
CALC. WT.
ACT. WT.
.0015
SCALE 2/1
MATERIAL AL. ALLOY BAR (24ST)
SPEC'S. NO.:
HEAT TREAT
FINISH 2
DRAFTSMAN
STRENGTH & WT. EXAM.
CHECKED
APPR'VD. & REL'S'D.
U DRILL #20 WAS #21 NEG WT. CHG 7-22-42
T ADDED B-24 & XB24
S AUXILIARY OIL TANK 8-11-36
R PBY-1 REQUIREMENTS ADDED 10-22-35
Q TRACED & BROUGHT UP TO DATE 8-5-35
LET. CHANGED DATE CH. BY
WASHER - TANK - BEVELED RIVET
CONSOLIDATED AIRCRAFT CORPN.
DR'WG. No. 22P

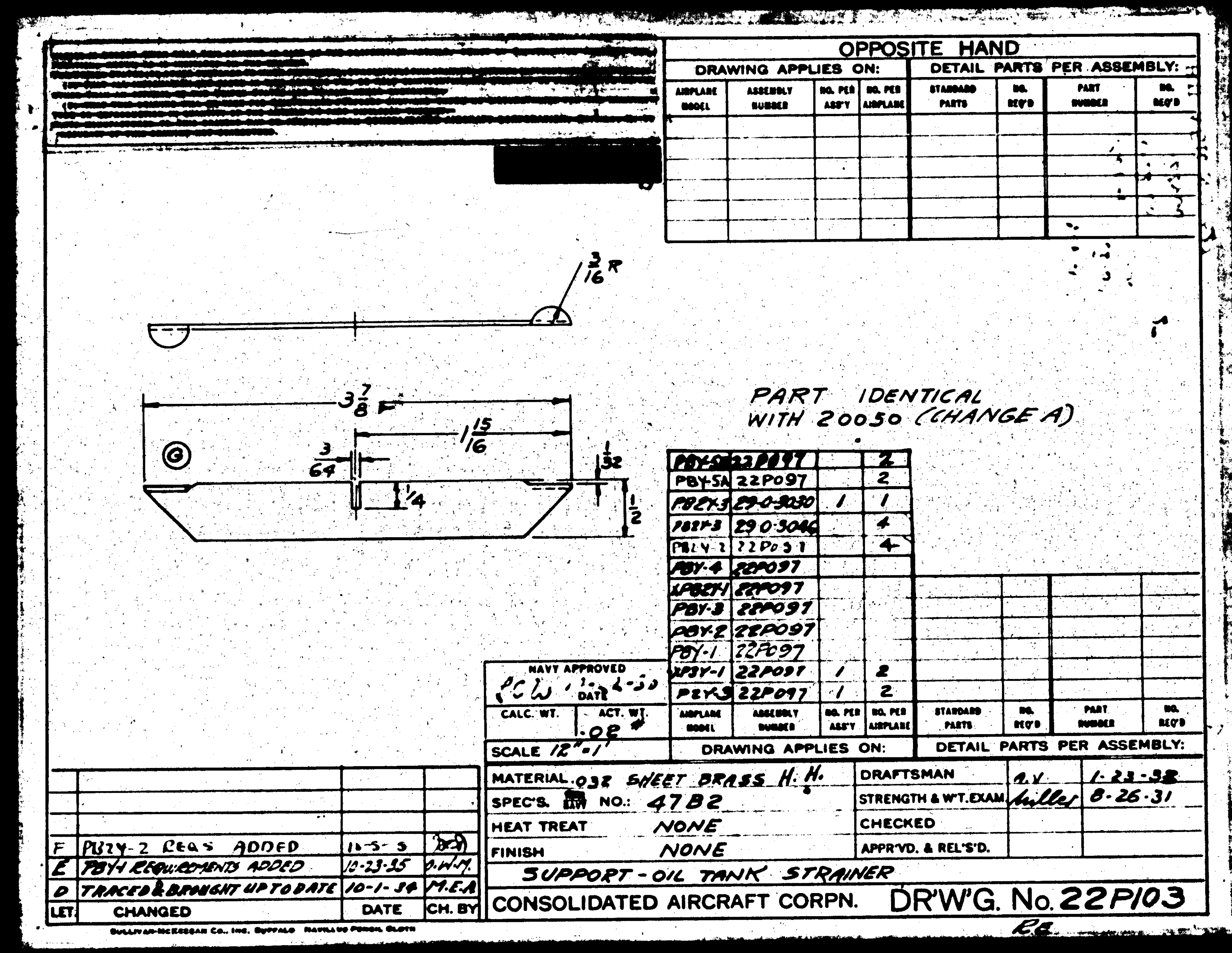

[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
DRILL #45 (.082) CSK. 78° X 3/16 DIA. BOTH SIDES
H
1 1/16
1/2
3/16
1/4 N. P.T.
3/64 x 45° CHAMFER
K
L
DRILL 1/4 x 15/16 DEEP -0 & -2
DRILL 1/8 THRU -2 ONLY
1" DIA
1/8 R
35/64 DIA
KNURL
3/32 SLOT
1/8
#118-167
-2 PBY-5B 28P5065 1
-2 PBY-5A 28P5065 1
-0 PBY-5 28-0-5019 1
-0 PB2Y-3 29-0-3033 1 1
-0 PB2Y-3 29-0-5010 1 4
-2 28-5ME 28P5065 1 1
-2 28-5MA 28P5065 1 1
-2 PBY-5 28P5065 1 1
-0 PBY-1 28-0-1022 1 2
-0 XP3Y-1 280-026 1 2
-0 P2Y-2 22P1065 1 2
-0 XBY-1 18P042 1 1
-0 P2Y-3 22P1028 1 2
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
GP GREEN PRIMER
C CADMIUM PLATE
-0 PBY5 28-0-5019 1
-0 XPB2Y4 29-0-4011 4
-2 28-5AMN 28P5065 1
-2 28-5AMC 28P5065 1
-2 28-5MN 28P5065 1
-2 28-5MC 28P5065 1
MODEL
NEXT ASS'Y
NO. REQ'D
NAVY APPROVED LCW 4-2-36 DATE
CALC. WT. .05#
ACT. WT.
SCALE 1/1
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
M IN SPEC. QQ-A-354 COND. T WAS 46A4 (CORRECTION) 9-21-43 WILCOX
L ADDED SLOT 3/32 x 1/8 x 1 NEG. WT. CHG. 3-1-43 KEARNS
K DRILL 1/4 X 15/16 DEEP WAS DRILL 1/4 X 7/8 DEEP. NEG. WT. CHG. 9-17-42 R MARSH
J ADDED -2 ASSY. 5-21-40 ZEIGLER
I PBY-1 REQUIREMENTS ADDED 3-30-36 WELLS
H ADDED DRILL #45 CSK. 78° X 3/16 3-30-36 WELLS
G MAT'L. WAS BRASS
F TRACED & BROUGHT UP TO DATE 10-3-34 M.E.A.
LET. CHANGED DATE CH. BY
MATERIAL ALUM. ALLOY BAR (24ST)
SPEC'S. NO QQ-A-354 COND. T
HEAT TREAT NONE
FINISH Z
DRAFTSMAN
STRENGTH & W'T. EXAM
CHECKED
APPR'VD. & REL'S'D.
KNOB - OIL TANK SOUNDING ROD
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22P053
R 22P053

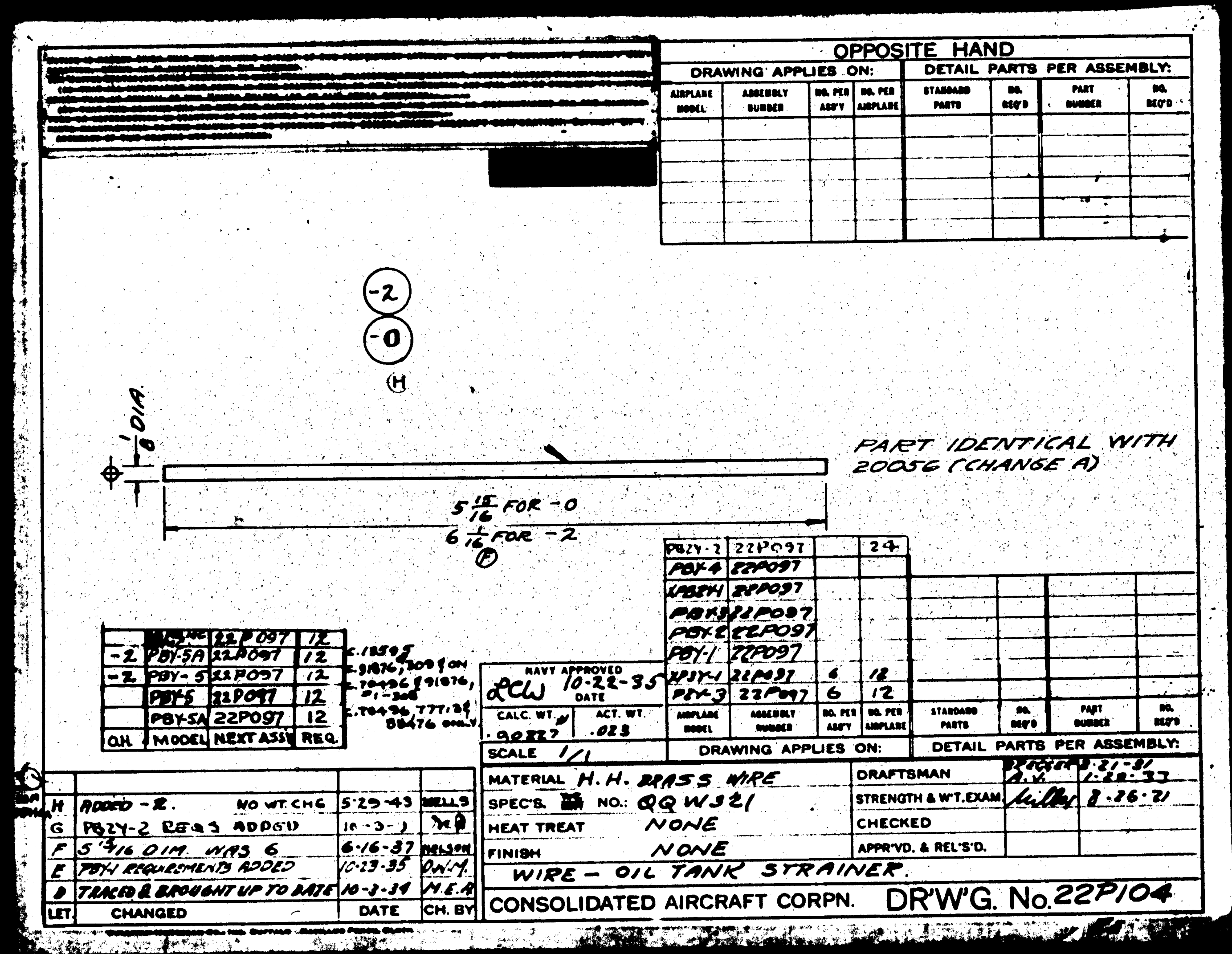

[redacted]
ALL UNSPECIFIED RADII 1/16.
CASTING MUST BE SMOOTH
AND FREE FROM FINS & SPRUES.
DRILL #56 (.0465)
M
1/16
5/8
9/16
1/4
1R/32
DRILL #10 (.193)
Q
R
O
N
GP-GREEN PRIME
[redacted]
PBY-5A 28E124 1
PBY-5A 28P1041 2
PBY-5A 28P1072 2
XPBY-1
PBY-4
PBY-3 See Dwg Sheet
PBY-2
PBY-1
PBY-1 22P1562 1 2
PBY-2 22P095 1 2
PBY-2 22P068 1 2
PBY-2 22P067 1 2
PBY-2 22P308 2 2
XPBY-1 18P002 1 1
PBY-3 22P095 1 2
PBY-3 22P068 1 2
PBY-3 22P067 1 2
PBY-3 22P308 2 2
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASSY
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
NAVY APPROVED
LCW 12-31-35
DATE
CALC. WT. .022
ACT. WT. .03
SCALE 1/1
MATERIAL AL. ALLOY CASTING
SPEC'S. NO.: 46A1
HEAT TREAT SABACL4
FINISH Z-3 GP
DRAFTSMAN 1-20-37
STRENGTH & W'T. EXAM 9-14-31
CHECKED
APPR'VD. & REL'S'D.
LOCK-ENG. CONTROL UNIT CABLE
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22P076
R ADDED PBY PARTS FOR 28E124 1 REQ 5/11/36
Q PBY-1 REQ'S. REMOVED 4-15-36
P ADDED MORE PBY-1 REQ'TS. 1-27-36
O ADDED PBY-1 REQ'S. 12-28-35 F.K.
N XPBY-1 REQ'S. WERE 28P042 12-28-35 F.K.
M ADDED DRILL #56 (.0465) 12-28-35 F.K.
L TRACED & BROUGHT UP TO DATE 3-8-35 F.D.T.
LET. CHANGED DATE CH. BY


[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL | ASSEMBLY NUMBER | NO. PER ASS'Y | NO. PER AIRPLANE
PBY-5B 28P1043 4
PBY-5B 28P1041 4
STANDARD PARTS | NO. REQ'D | PART NUMBER | NO. REQ'D
THIS SURFACE TO BE FLAT
3/32
5/8 R. SPHERICAL
1/8 DRILL - C'SINK 78° x .226 DIA.
(L)
(K)
1 1/4 DIA. APPROX.
7/8 DIA.
1/16
1/2
PBY-5A 28P1041 4
PBY-5A 28P1043 4
XP3Y-1
PBY-4
PBY-3
PBY-2
PBY-1
SEE B/M SHEET
XBY-1 20L015 1 1
20A 20L015 1 1
P2Y-2&3 22P740 2 2
P2Y-2&3 22P740-1 2 2
P2Y-2&3 22P884 2 4
P2Y-2&3 22P095 2 4
P2Y-2&3 22P068 2 4
P2Y-2&3 22P067 2 4
NAVY APPROVED
LCW 12-31-35
DATE
CALC. WT. .045#
ACT. WT. .040#
SCALE
MATERIAL ALUMINUM BAR
SPEC'S. NAVY NO.: 46A3
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN
STRENGTH & W'T. EXAM 9-19-31
CHECKED
APPR'VD. & REL'S'D.
KNOB - ENGINE CONTROL UNIT LEVER
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22P082
L .226 DIA. WAS 1/4 DIA.
K PBY-1 REQ'S. REMOVED 4-15-36
J XP3Y-1 REQ'S. WERE 22P080 FOR ENG. CONTROLS 12-30-35 F.K.
I ADDED PBY-1 REQ'S. 12-30-35
H TRACED & BROUGHT UP TO DATE 8-5-35 F.D.T.
LET. CHANGED DATE CH. BY


[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
PBY-5A 22P097 2
3/8
$3\frac{1}{4}$ DIA.
$3\frac{7}{8}$ DIA.
PART IDENTICAL WITH 20051 (CHANGE A)
PBY-5A 22P097 2
PBY-3 29-0-3046 4
PB2Y-2 22P097 4
PBY-4 22P097
XPB2Y-1 22P097
PBY-3 22P097
PBY-2 22P097
PBY-1 22P097
XP3Y-1 22P097 1 2
P3Y-3 22P097 1 2
NAVY APPROVED
RCW 9-22-35
DATE
CALC. WT.
ACT. WT. .009
SCALE 12"=1'
MATERIAL .032 SHEET BRASS H. H.
SPEC'S. NO.: 4782
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN
8-25-31
A.V. 1-21-33
STRENGTH & WT. EXAM
8-26-31
CHECKED
APPR'VD. & REL'S'D.
RING - OIL TANK STRAINER LOWER
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22P099
G $3\frac{1}{4}$ DIA. WAS $3\frac{3}{16}$ 4-25-40
F PB2Y-2 REQS ADDED 10-3-?
E PBY-1 REQUIREMENTS ADDED 10-23-35 D.W.M.
D TRACED & BROUGHT UP TO DATE 10-3-34 M.E.R.
LET. CHANGED DATE CH. BY
DIETZGEN-McKESSON CO. INC. BUFFALO. NAVALUS PENCIL CLOTH


[redacted]
[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
PART IDENTICAL WITH
20049 (CHANGE A).
1/16 R.
3/16 R
1/16
1/2
45°
3 7/8
FLAT PATTERN FOR
22P102 & 22P103
1 15/16
1/32
1/2
1/4
3/64
PB2Y-2 22P097 4
PBY-4 22P097
XPB2Y-1 22P097
PBY-3 22P097
PBY-2 22P097
PBY-1 22P097
XP3Y-1 22P097 1 2
P3Y-3 22P097 1 2
PB2Y-3 29-0-3050 1 1
PB2Y-3 29-0-3046 4
PBY-6A 22P097 2
PBY-5A 22P097 2
O.H. AIRPLANE MODEL ASSEMBLY NUMBER REQ.
NAVY APPROVED
DATE
CALC. WT.
ACT. WT. .02#
SCALE 1/1
MATERIAL .032 SHEET BRASS H.H.
SPEC'S. NO.: 47B2
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN 8-20-31
1-23-33
STRENGTH & W'T. EXAM 8-22-31
CHECKED
APPR'VD. & REL'S'D.
SUPPORT- OIL TANK STRAINER
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22P102
F PB2Y-2 REQS ADDED
E PBY-1 REQUIREMENTS ADDED 10-23-35 D.W.M.
D TRACED & BROUGHT UP TO DATE 10-3-34 M.E.A.
LET. CHANGED DATE CH. BY
SULLIVAN-McKEEGAN CO. INC. BUFFALO NAVILLUS PENCIL CLOTH


[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
DETAIL PARTS PER ASSEMBLY:
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
3/16 R
3 7/8 F
1 15/16
3/64
1/4
1/32
1/2
PART IDENTICAL WITH 20050 (CHANGE A)
PBY-5 22P097 2
PBY-5A 22P097 2
PB2Y-3 29-0-3030 1 1
PB2Y-3 29-0-3046 4
PB2Y-2 22P031 4
PBY-4 22P097
XPB2Y-1 22P097
PBY-3 22P097
PBY-2 22P097
PBY-1 22P097
XP3Y-1 22P097 1 2
P2Y-3 22P097 1 2
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
NAVY APPROVED
DATE
CALC. WT.
ACT. WT. .08#
SCALE 12"=1'
MATERIAL .032 SHEET BRASS H. H.
SPEC'S. NO.: 47B2
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN A.V. 1-23-38
STRENGTH & W'T. EXAM Miller 8-26-31
CHECKED
APPR'VD. & REL'S'D.
F PB2Y-2 REQS ADDED 10-5-
E PBY-4 REQUIREMENTS ADDED 10-23-35 D.W.M.
D TRACED & BROUGHT UP TO DATE 10-1-34 M.E.A.
LET. CHANGED DATE CH. BY
SUPPORT - OIL TANK STRAINER
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22P103
SULLIVAN-McKEEGAN CO., INC. BUFFALO



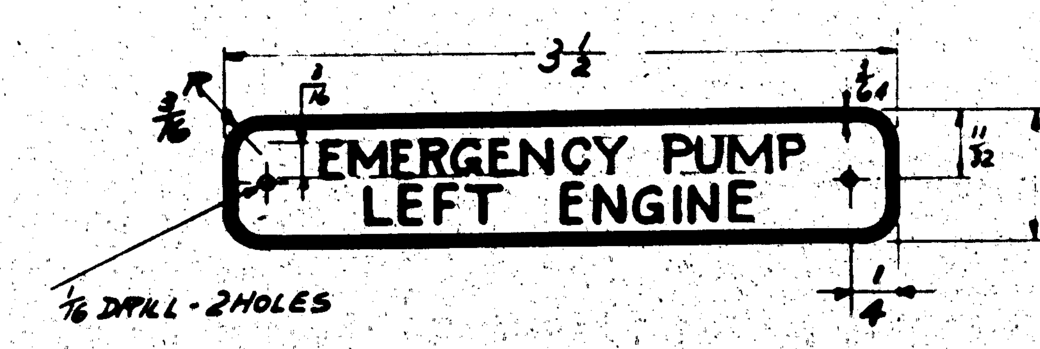
[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
DETAIL PARTS PER ASSEMBLY:
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
-2
-0
H
1/8 DIA.
PART IDENTICAL WITH 20056 (CHANGE A)
5 15/16 FOR -0
6 1/16 FOR -2
F
PB2Y-2 22P097 24
PBY-4 22P097
XPBY-4 22P097
PBY-3 22P097
PBY-2 22P097
PBY-1 22P097
XP3Y-1 22P097 6 12
P3Y-3 22P097 6 12
22P097 12
-2 PBY-5A 22P097 12
-2 PBY-5 22P097 12
PBY-5 22P097 12
PBY-5A 22P097 12
O.H. MODEL NEXT ASS'Y REQ.
NAVY APPROVED
LCW 10-22-35
DATE
CALC. WT.
ACT. WT.
.023
SCALE 1/1
MATERIAL H. H. BRASS WIRE
SPEC'S. NO.: QQW321
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN
STRENGTH & W'T. EXAM
8-26-31
CHECKED
APPR'VD. & REL'S'D.
WIRE - OIL TANK STRAINER.
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22P104
H ADDED -2. NO WT. CHG 5-29-43 WELLS
G PB2Y-2 REQS ADDED 10-3-
F 5 15/16 DIM. WAS 6 6-16-37 NELSON
E PBY-4 REQUIREMENTS ADDED 10-23-35 D.W.M.
D TRACED & BROUGHT UP TO DATE 10-3-34 M.E.R.
LET. CHANGED DATE CH. BY

[redacted]

[redacted]

R.H. OPPOSITE HAND 22P517-1

DRAWING APPLIES ON:					DETAIL PARTS PER ASSEMBLY:			
	AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
	P2Y-1	22P308	1	1				
	XP3Y-1	28F1004	1	1				
	PBY-1	28F1004	1	1				
-L	PBY-5B	28F5556		1				
-R	PBY-5B	28F5556		1				



NOTE:
BACKGROUND TO BE ETCHED AND LACQUERED BLACK.
RAISED LETTERS TO BE BUFFED.

L.H. SHOWN
RH. INSERT WORD "RIGHT" IN PLACE OF "LEFT."

	AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
-R	PBY-5A	28F5005		1				
-L	PBY-5A	28F5005		1				
	PBY-4	28F2139						
	PBY-3	28F2139						
	PBY-2	28F2139						
	PBY-1	28F1004						
	XP3Y-1	28F1004						
	P2Y-2	22P308	1	1				
	P2Y-3	22P308	1	1				
DRAWING APPLIES ON:					DETAIL PARTS PER ASSEMBLY:			

NAVY APPROVED LCW 2-18-36 DATE

CALC. WT.	ACT. WT.
.012#	.012

SCALE 1/1

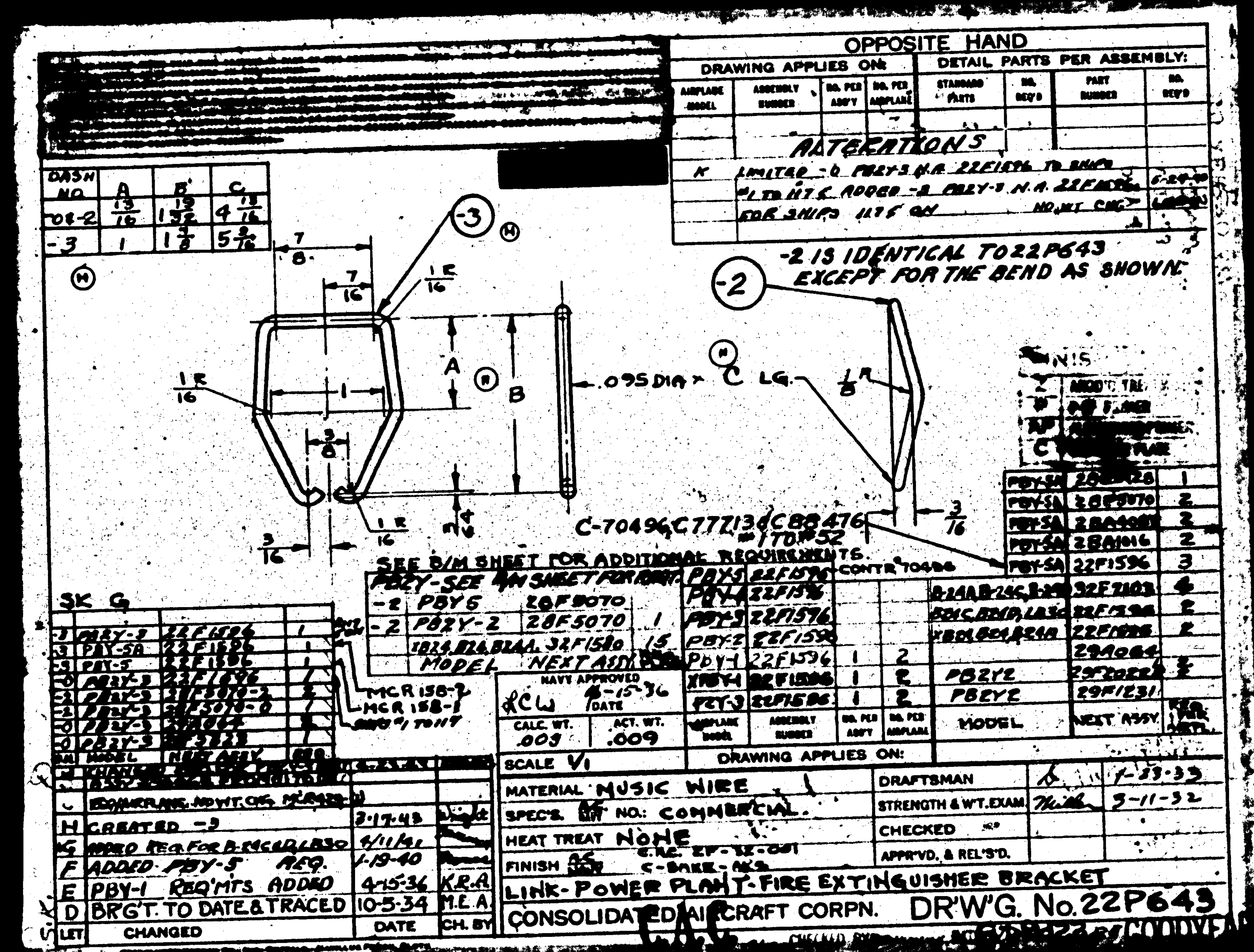
MATERIAL .051 ALUM.	DRAFTSMAN BOWERS 12-7-31
SPEC'S. NO.: 47A2	STRENGTH & W'T. EXAM. MILLER
HEAT TREAT NONE	CHECKED
FINISH NOTED	APPR'VD. & REL'S'D.

NAME PLATE - FUEL CONTROL - ENG. PUMPS.

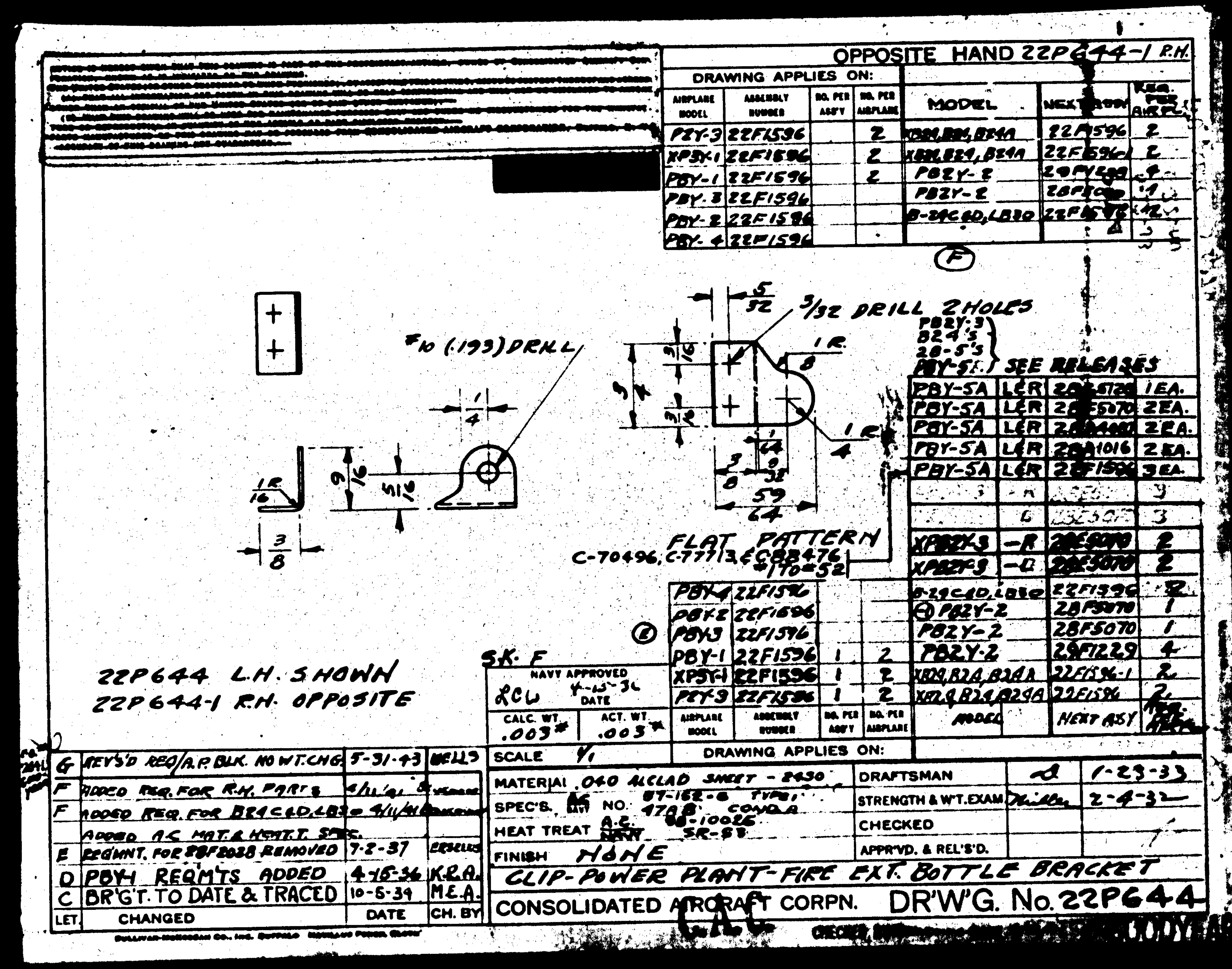
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22P517

LET.	CHANGED	DATE	CH. BY
B	BR'G'T. TO DATE & TRACED	10-4-34	M.E.A.

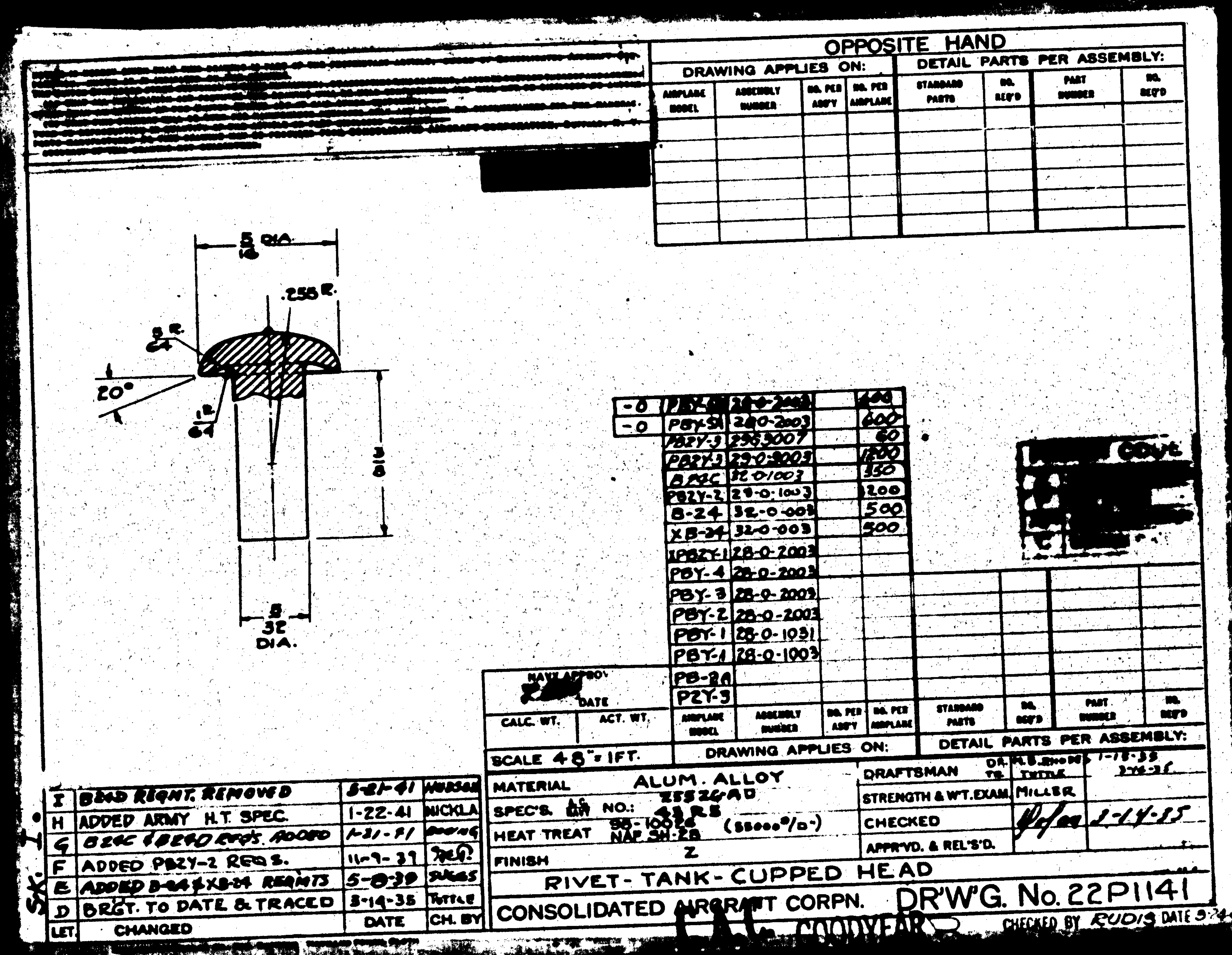
SULLIVAN-McKESSON CO. INC. BUFFALO NAUTILUS PENCIL CLOTH



[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
ALTERATIONS
DASH NO
A
B
C
-3
-2 IS IDENTICAL TO 22P643
EXCEPT FOR THE BEND AS SHOWN.
-2
.095 DIA × C LG.
C-70496 C77213 C88476
SEE B/M SHEET FOR ADDITIONAL REQUIREMENTS.
PBY-5A
22F1596
PB2Y-2
28F5070
MODEL
NEXT ASSY
NAVY APPROVED
DATE
CALC. WT. .009
ACT. WT. .009
DRAWING APPLIES ON:
SK G
MCR 158-2
MCR 158-1
SCALE 1/1
MATERIAL MUSIC WIRE
SPEC'S. NO.: COMMERCIAL
HEAT TREAT NONE
FINISH
C-BAKE
DRAFTSMAN
STRENGTH & WT. EXAM
CHECKED
APPR'VD. & REL'S'D.
H CREATED -3 3-17-43
F ADDED PBY-5 REQ. 1-19-40
E PBY-1 REQ'MTS ADDED 4-15-36 K.R.A.
D BRG'T. TO DATE & TRACED 10-5-34 M.E.A.
LET CHANGED DATE CH. BY
LINK-POWER PLANT-FIRE EXTINGUISHER BRACKET
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22P643



OPPOSITE HAND 22P644-1 R.H.
DRAWING APPLIES ON:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
MODEL
REQ. PER AIRPL.
PBY-3 22F1596 2
XP3Y-1 22F1596 2
PBY-1 22F1596 2
PBY-3 22F1596
PBY-2 22F1596
PBY-4 22F1596
PB2Y-2
PB2Y-2
5/32
3/32 DRILL 2 HOLES
PB2Y-3
B24'S
28-5'S
PBY-5A
SEE RELEASES
#10 (.193) DRILL
1 R.
1/4
1 R./16
3/8
9/16
5/16
59/64
FLAT PATTERN
C-70496, C-77713, & C88476
#170=52
PBY-5A LER 1 EA.
PBY-5A LER 2 EA.
PBY-5A LER 2 EA.
PBY-5A LER 28A1016 2 EA.
PBY-5A LER 3 EA.
XPB2Y-3 28F5070 2
B-24C&D, LB30 22F1596
PB2Y-2 28F5070 1
PB2Y-2 28F5070 1
PB2Y-2 4
PBY-4 22F1596
PBY-2 22F1596
PBY-3 22F1596
PBY-1 22F1596 1 2
XP3Y-1 22F1596 1 2
PBY-3 22F1596 1 2
XB24, B24, B24A 22F1596-1 2
XB24, B24, B24A 22F1596 2
SK. F
22P644 L.H. SHOWN
22P644-1 R.H. OPPOSITE
NAVY APPROVED
DATE
CALC. WT. .003#
ACT. WT. .003#
SCALE 1/1
DRAWING APPLIES ON:
MODEL
NEXT ASS'Y
MATERIAL .040 ALCLAD SHEET
SPEC'S. NO.
HEAT TREAT
FINISH NONE
DRAFTSMAN 1-23-33
STRENGTH & WT. EXAM. 2-4-32
CHECKED
APPR'VD. & REL'S'D.
G REV'S'D REQ/A.P. BLK. NO WT. CHG. 5-31-43 WELLS
F ADDED REQ. FOR R.H. PARTS
F ADDED REQ. FOR B24C&D, LB30
ADDED A.C. MAT. & HEAT T. SPEC.
E REQ'MNT. FOR 28F2028 REMOVED 7-2-37
D PBY-4 REQM'TS ADDED 4-15-36 K.R.A.
C BR'G'T. TO DATE & TRACED 10-5-34 M.E.A.
LET. CHANGED DATE CH. BY
CLIP-POWER PLANT-FIRE EXT. BOTTLE BRACKET
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22P644



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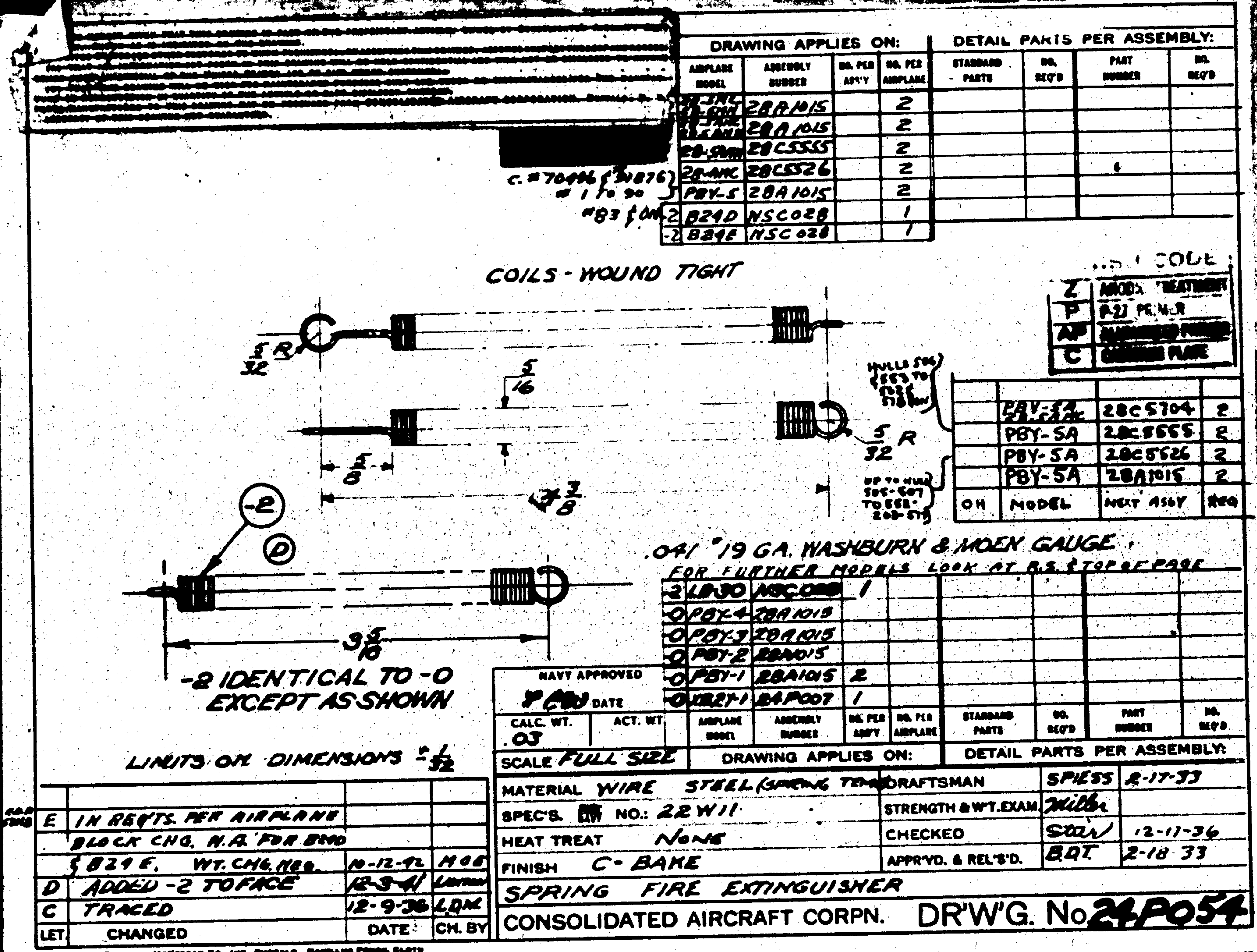
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
5/16 DIA
.255 R.
5/64 R.
20°
1/64 R.
3/8
5/32 DIA.
-0 PBY-5A 28-0-2003 600
-0 PBY-5A 28-0-2003 600
PB2Y-3 29-0-3007 60
PB2Y-3 29-0-2003 1200
B24C 32-0-1003 350
PB2Y-2 29-0-1003 1200
B-24 32-0-003 500
XB-24 32-0-003 500
XPB2Y-1 28-0-2003
PBY-4 28-0-2003
PBY-3 28-0-2003
PBY-2 28-0-2003
PBY-1 28-0-1031
PBY-1 28-0-1003
PB-2A
P2Y-3
[redacted]
NAVY APPROV.
DATE
CALC. WT.
ACT. WT.
SCALE 4 8" = 1 FT.
MATERIAL ALUM. ALLOY 2S S24 AD
SPEC'S. AC NAV NO.: 43 R5
HEAT TREAT SS-10026 NAP SH-2B (55000#/□")
FINISH Z
DRAFTSMAN DR. H.B. RHODES 1-18-35
TR. TUTTLE 3-14-35
STRENGTH & WT. EXAM. MILLER
CHECKED 2-14-35
APPR'VD. & REL'S'D.
RIVET - TANK - CUPPED HEAD
CONSOLIDATED AIRCRAFT CORPN.
DR'WG. No. 22P1141
CHECKED BY RUDIS DATE
GOODYEAR
I BEAD REQMT. REMOVED 5-21-41
H ADDED ARMY H.T. SPEC. 1-22-41 NICKLA
G B24C & PB2Y-3 REQ'S. ADDED 1-31-41
F ADDED PB2Y-2 REQ S. 11-9-39
E ADDED B-24 & XB-24 REQMTS 5-8-39
D BRGT. TO DATE & TRACED 3-14-35 TUTTLE
LET. CHANGED DATE CH. BY



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DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
28A1015 2
28A1015 2
28C5555 2
28-AMC 28C5526 2
C.#70496 {34876} #1 TO 90
PBY-5 28A1015 2
#83 { ON -2 B24D NSC028 1
-2 B24E NSC028 1
COILS - WOUND TIGHT
5/32 R
5/16
5/8
4 3/8
5/32 R
CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP
C
HULLS 506 { 553 TO 558 } ...
PBY-5A 28C5704 2
PBY-5A 28C5555 2
PBY-5A 28C5526 2
PBY-5A 28A1015 2
UP TO HULL 505-507 TO 552-
OH MODEL NEXT ASSY REQ
-2
D
3 5/16
-2 IDENTICAL TO -0 EXCEPT AS SHOWN
.041" 19 GA. WASHBURN & MOEN GAUGE
FOR FURTHER MODELS LOOK AT R.S. & TOP OF PAGE
-2 LB-30 NSC028 1
-0 PBY-4 28A1015
-0 PBY-3 28A1015
-0 PBY-2 28A1015
-0 PBY-1 28A1015 2
-0 XP2Y-1 24P007 1
NAVY APPROVED
DATE
CALC. WT. .03
ACT. WT.
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
SCALE FULL SIZE
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
LIMITS ON DIMENSIONS ± 1/32
E IN REQ'TS. PER AIRPLANE
BLOCK CHG. N.A. FOR B24D
& B24E. WT. CHG. NEG. 10-12-42 MOE
D ADDED -2 TO FACE 12-3-41
C TRACED 12-9-36 L.D.M.
LET. CHANGED DATE CH. BY
MATERIAL WIRE STEEL (SPRING TEMP)
SPEC'S. NO.: 22W11
HEAT TREAT NONE
FINISH C- BAKE
DRAFTSMAN SPIESS 2-17-33
STRENGTH & W'T. EXAM Miller
CHECKED Starr 12-17-36
APPR'VD. & REL'S'D. BDT 2-18-33
SPRING FIRE EXTINGUISHER
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No 24P054

SUPPLIED & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
C	TRACED	11-17-36	Duncan

$\frac{11}{16}$

$3\frac{35}{64}$

$1\frac{5}{32}$

ALL BEND RADII $\frac{3}{32}$

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5B	28P036	1						
	PBY-5A	28P036	1						
	PBY-4	28P036							
	PBY-3	28P036							
	PBY-2	28P036							
	PBY-1	28P036							

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES 28 P042 4-10-34

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

[redacted]

APPROVED: LGW NOV. 17 1936 DATE

CALC. WT .04 — ACT. WT

SCALE FULL SIZE

	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM	ENG.
AC					C.A. Henry		Green	
NAVY	.051 ALUM. ALLOY SHEET 2A50	17AN-A COND A	SR-53	Z-P-Z GP	4-23-36	12-1-36	5-4-36	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

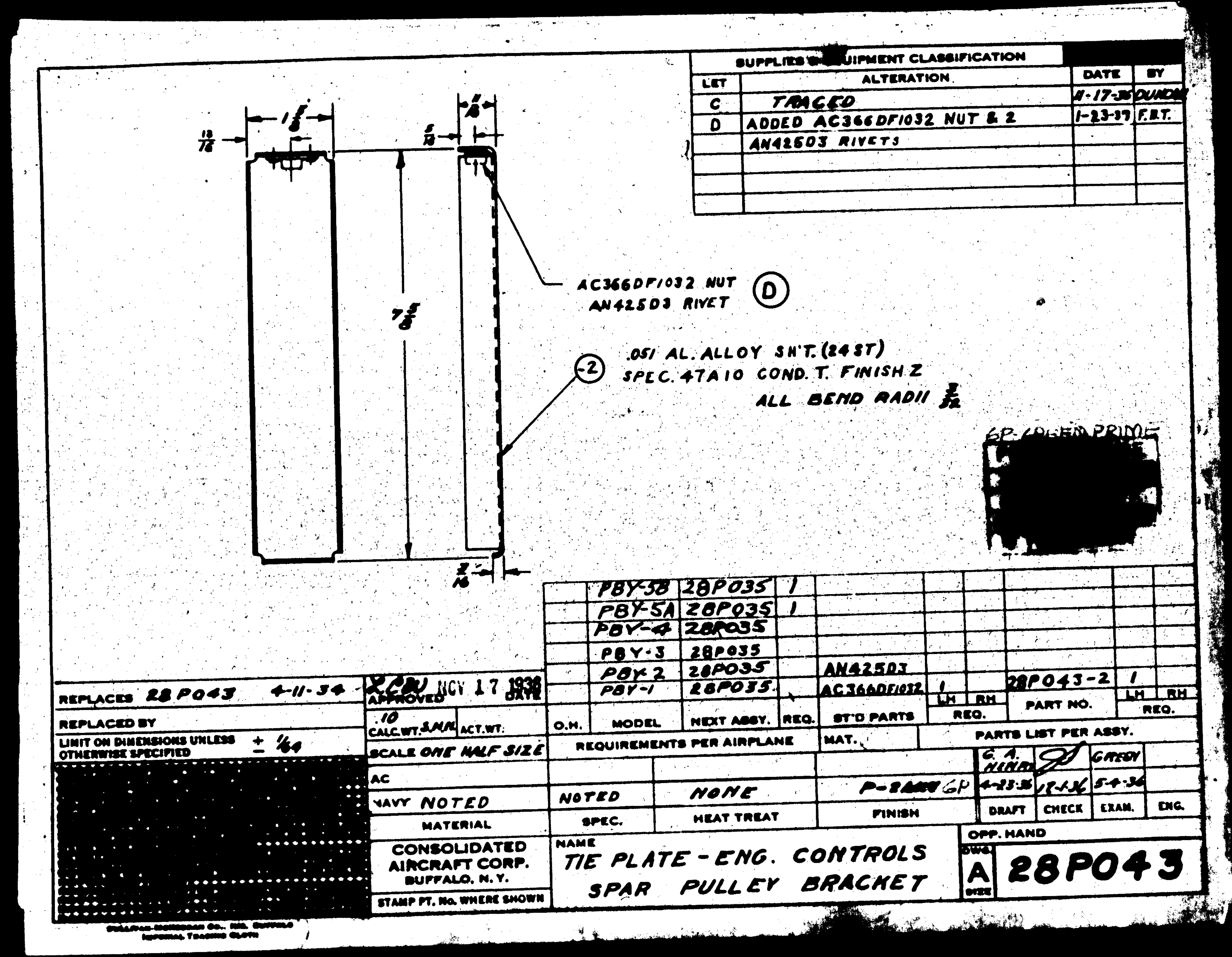
STAMP PT. No. WHERE SHOWN

NAME: STIFFENER-ENG. CONTROLS SPAR PULLEY BRACKET

OPP. HAND

DWG SIZE A — 28P042

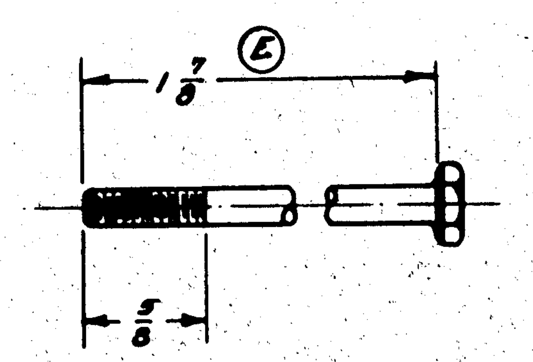
R 28P042



SUPPLIES EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C | TRACED | 11-17-36 | DUNDON
D | ADDED AC366DF1032 NUT & 2 AN42503 RIVETS | 1-23-39 | F.B.T.
1 5/8
13/16
11/16
5/16
7 5/8
3/16
AC366DF1032 NUT
AN425D3 RIVET
D
2
.051 AL. ALLOY SH'T. (24ST)
SPEC. 47A10 COND. T. FINISH Z
ALL BEND RADII 3/32
GP-COATED PRIME
[redacted]
PBY-5B 28P035 1
PBY-5A 28P035 1
PBY-4 28P035
PBY-3 28P035
PBY-2 28P035
PBY-1 28P035
AN42503
AC366DF1032 1
28P043-2 1
LH RH
PART NO.
LH RH
REQ.
REPLACES 28P043 4-11-34
APPROVED NOV 17 1938 DATE
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
.10 CALC.WT. ACT.WT.
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
SCALE ONE HALF SIZE
AC
NAVY NOTED
MATERIAL
NOTED
SPEC.
NONE
HEAT TREAT
P-[illegible] GP
FINISH
G. A. NEHER
GREGY
4-23-36 12-1-36 5-4-36
DRAFT CHECK EXAM. ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
TIE PLATE - ENG. CONTROLS SPAR PULLEY BRACKET
DWG. A SIZE
28P043

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
D	TRACED	11-17-36	Duncan
E	CHG'D. & ADDED TO NOTE REM'D "REF." FROM 1 7/8 DIM.	8-19-41	Lawson

PBY-5
PBY-5A
OA-10
20-6
E.D.C.



(E)

MAY BE MADE FROM AN3-22A
EXTEND THREAD (#10-32
N.F.-3 - PITCH DIA. .1697 +.0000 -.0019)
TO DISTANCE SHOWN

MAT'L & DIM. NOT SHOWN
SAME AS AN3-17

[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28P035	6
	PBY-5A	28P035	6
	PBY-5	28P035	6
	PBY-4	28P035	
	PBY-3	28P035	
	PBY-2	28P035	
	PBY-1	28P035	
	XPBY-1	28P035	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015

XPBY NOV 17 1936
APPROVED — DATE

CALC. WT. .02 — ACT. WT.

SCALE 12" = 1' 0"

AC

NAVY NOTED

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY NOTED	NOTED	NONE	C

DRAFT	CHECK	EXAM.	ENG.
JENLEE 4-13-36	12-1-36	KURAN 4-26-36	

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: BOLT - ENG CONTROLS - SPAR PULLEY BRACKET - SPECIAL

OPP. HAND

DWG. SIZE A — 28P045

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
D	TRACED	11-17-36	[illegible]
E	ADDED NOTE 1. NO W.S. CHG.	10-1-43	[illegible]

3/32 — 5/8 SPHERICAL R.

5/8 DIA.

11/32 DIA

1 1/2 DIA. APPROX

1/4

1/8

9/16

21/64 DIA.

(E)

NOTE:

1. 28P053 IS AN INT. ALT. FOR 28P5177.

FINISH CODE

	PBY-5B	28P1050	2							
	PBY-5A	28P1050	2							
	PBY-4	28P1050								
	PBY-3	28P1050								
	PBY-2	28P1050								
	PBY-5	28P1050	2							
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES	APPROVED [illegible] NOV 17 1936 DATE
REPLACED BY	.036 CALC. WT. [illegible] ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010	SCALE 12" = 1' 0"

AC				C.W.M.	[illegible]	MILLER	
NAVY ALUM. ALLOY ROD	14A4 COND. "T"	NONE	Z-P-2DLE	4-19-34	12-1-36		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: KNOB - ENG. CONTROLS - THROTTLE CONTROL LEVER

OPP. HAND

DWG. SIZE A — 28P053

28P053

SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
C	TRACED	11-17-36	DUNCAN
D	ADDED RIVET HOLE SIZE & LOCATION TO DWG.	4-15-41	[illegible]
E	IN REQ/AIR PL. BLK., LIMITED PBY-5A-NA. 29P1190 & ADDED PBY-5A NA. 28P5532. NO WT. CHG.	7-6-43	COLLINS

MCR 293

CUT IN TWO ON ℄

1 1/4

3/16

45°

11/16

1 3/8

DRILL #30 (.1285) 2 HOLES

(D)

7/16

1/4

DRILL 7/8 DIA.

	MODEL	NEXT ASSY.	REQ.	
	PBY-5A	28P5532	1	MCR 293 & ON
	PBY-5A	29P1190	1	TO MCR 293
	PBY-5	29P1190	1	
	PB2Y-3	29P3164	4	
	PB2Y-2	29P1190	2	
	XPB2Y-1	28P3088	1	
	PBY-4	28P3088	1	
	PBY-3	28P3088	1	
	PBY-2	28P2080	1	
	PBY-1	28P1025	1	
	XP3Y-1	28P1025	1	

	MODEL	NEXT ASSY.	REQ.
	28-5MN	29P1190	1
	28-5ME	29P1190	1
	28-5MC	29P1190	1
	28-5MA	29P1190	1
	28-5AMN / 28-5AMC	29P1190	1 EA.
	BY-5B	29P1190	1

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −

KCW NOV 17 1936
APPROVED DATE

.054
CALC WT K.R.A. ACT WT

O.H. | MODEL | NEXT ASSY. | REQ. | STD PARTS | REQ. LH RH | PART NO. | REQ. LH RH

SCALE 12" = 1'0"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC

NAVY

MATERIAL: BAKELITE - CANVAS BASE

SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	LI/M	ENG.
17814	NONE	NONE	JEWETT 6-26-36	10-6-36		

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME
BUSHING - POWER PLANT - STARTER HAND CRANK

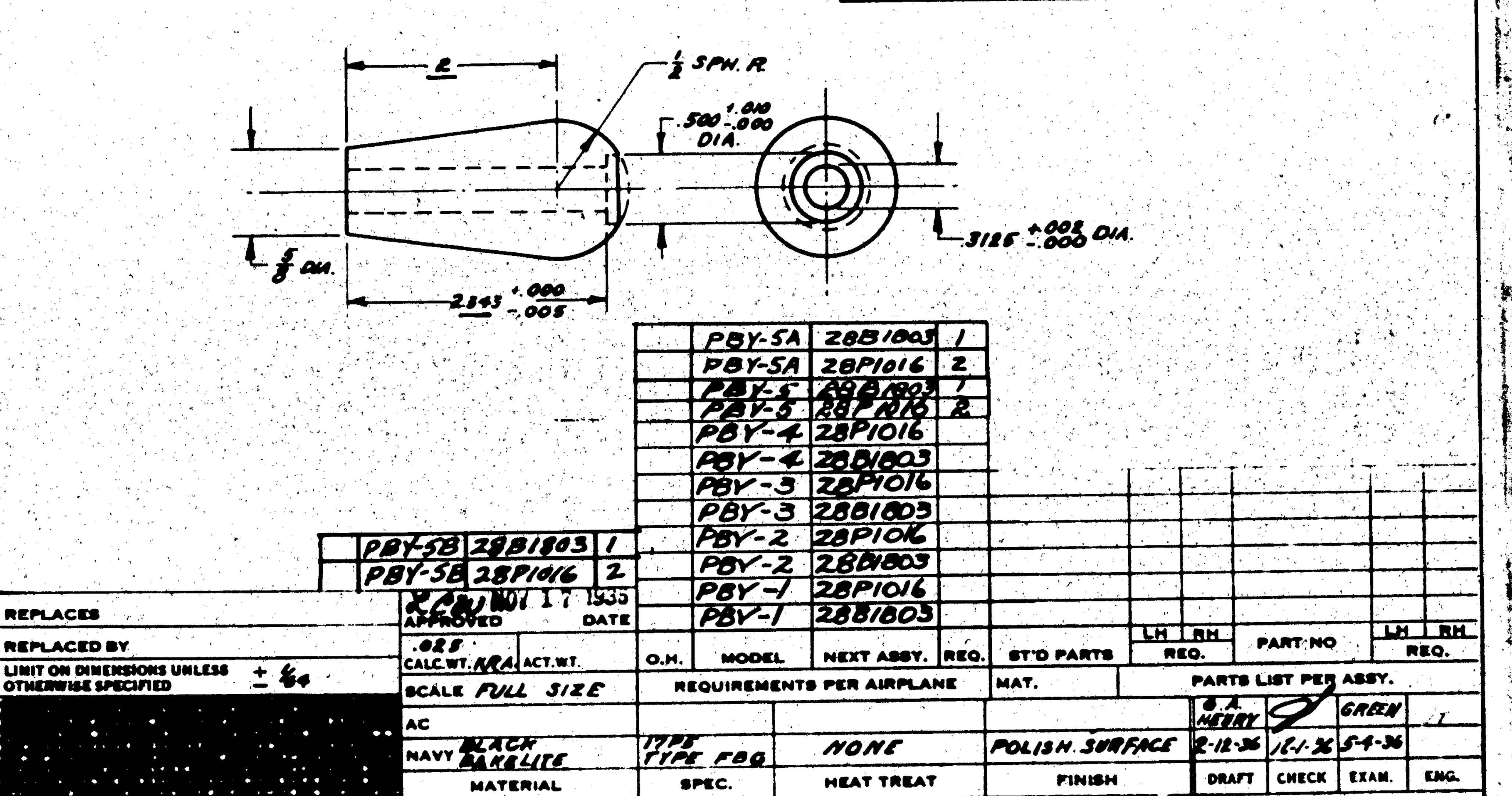
OPP. HAND

DWG. A SIZE 28P109

R

28P109

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	11-17-36	DUNCAN
D	ADDED PBY-5 REQ.	12-18-39	[illegible]



O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28B1803	1
	PBY-5A	28P1016	2
	PBY-5	28B1803	1
	PBY-5	28P1016	2
	PBY-4	28P1016	
	PBY-4	28B1803	
	PBY-3	28P1016	
	PBY-3	28B1803	
	PBY-2	28P1016	
	PBY-2	28B1803	
	PBY-1	28P1016	
	PBY-1	28B1803	
	PBY-5B	28B1803	1
	PBY-5B	28P1016	2

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED [illegible] NOV 17 1936 DATE

CALC. WT. .028 NRA ACT. WT.

SCALE FULL SIZE

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC				G.A. HENRY	[illegible]	GREEN	
NAVY BLACK BAKELITE	TYPE FBG	NONE	POLISH SURFACE	2-12-36	12-1-36	5-4-36	

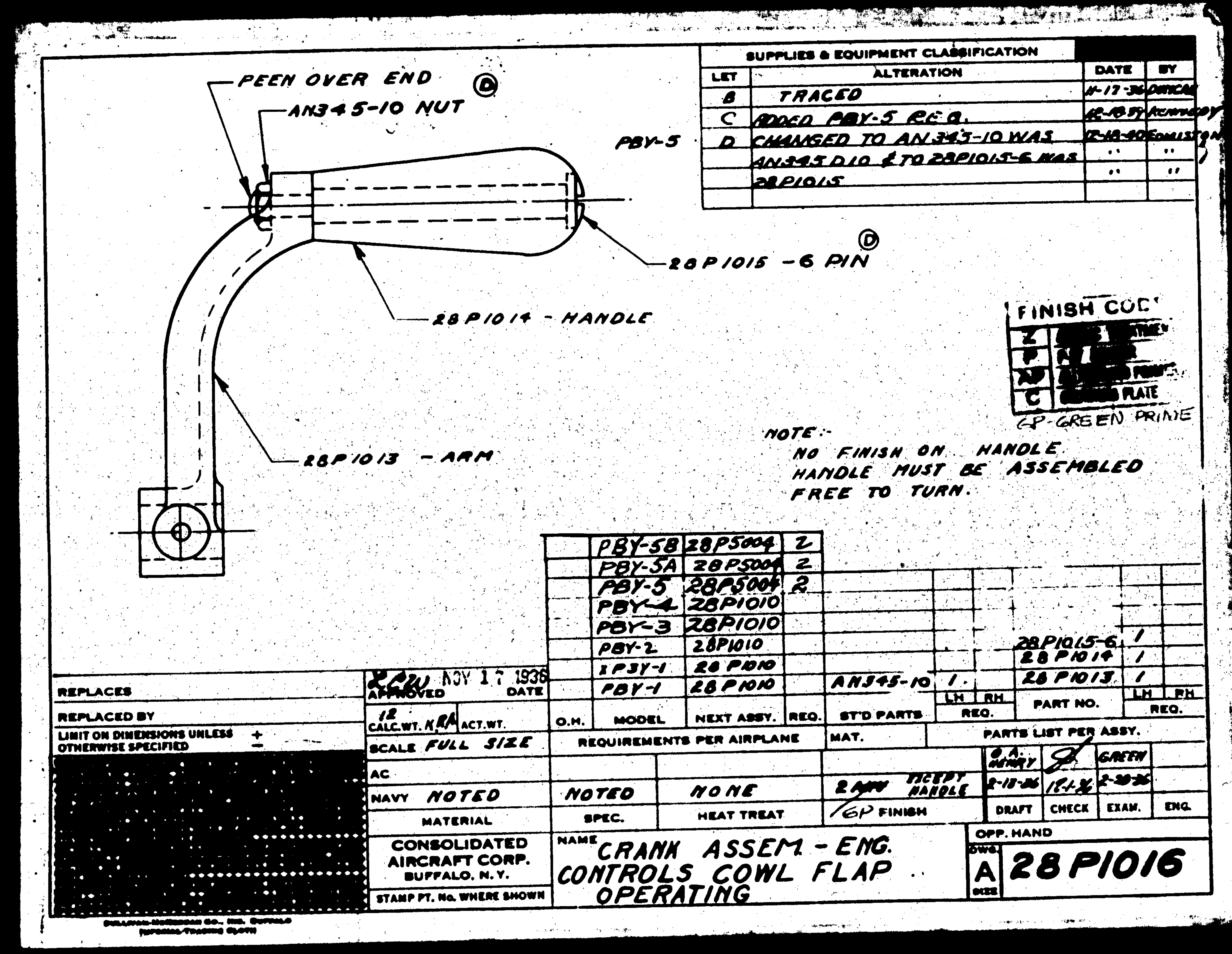
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

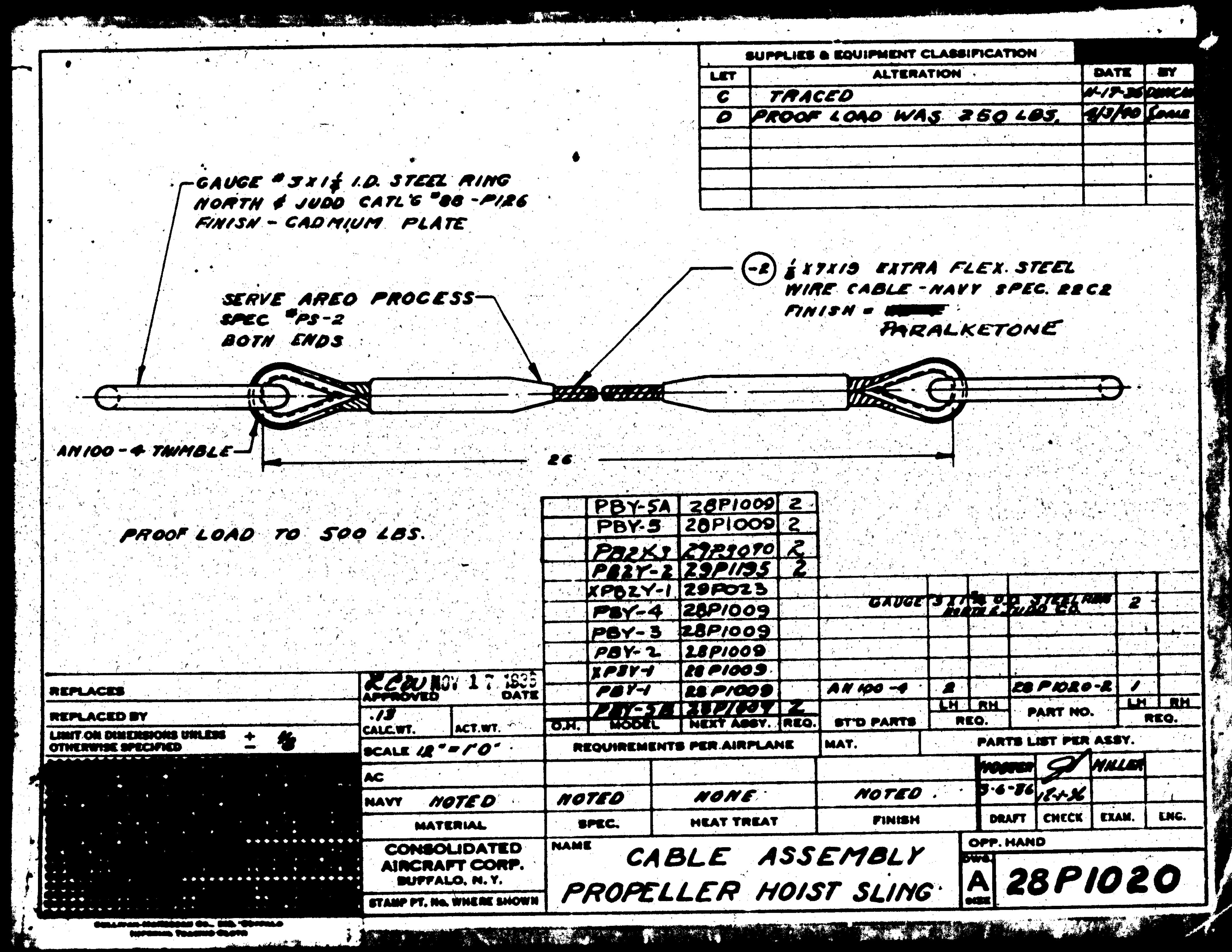
NAME HANDLE - ENGINE CONTROLS COWL FLAP OPERATING CRANK

OPP. HAND

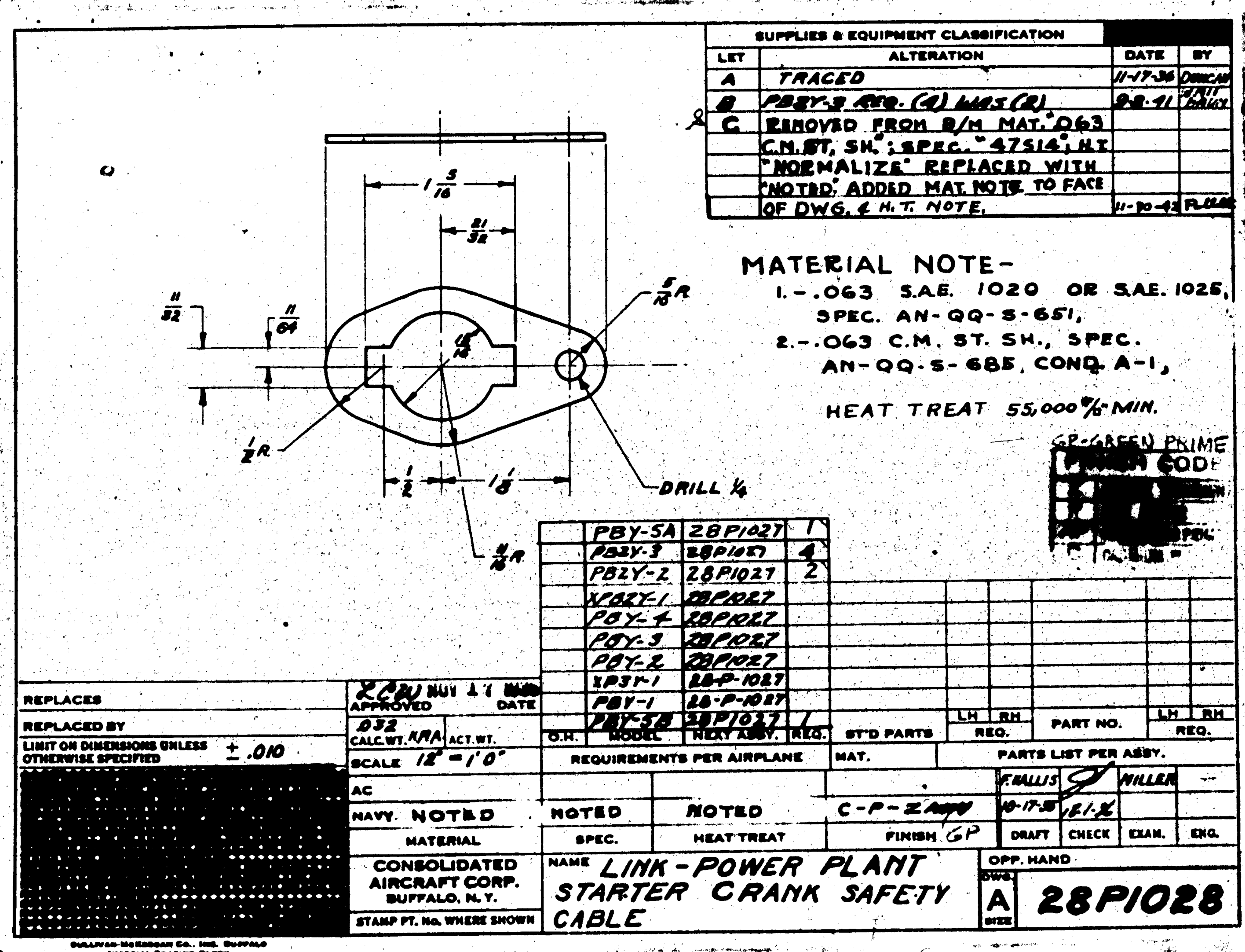
DWG. SIZE A 28P1014



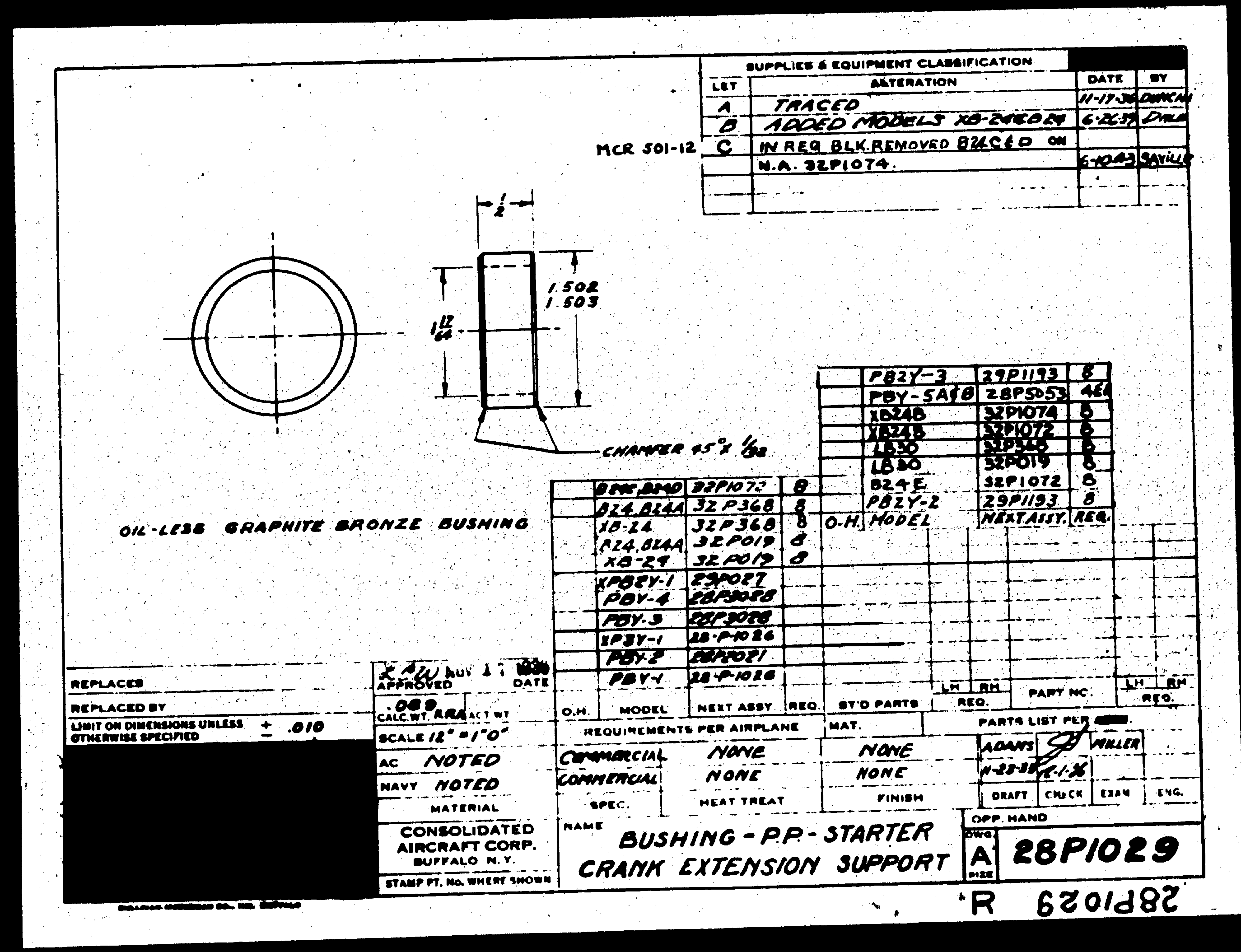
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED | 11-17-36 | DUNCAN
C | ADDED PBY-5 REQ. | 12-18-39 | KENNEDY
D | CHANGED TO AN345-10 WAS AN345D10 & TO 28P1015-6 WAS 28P1015 | 12-18-40 | EDMISTON
PEEN OVER END
AN345-10 NUT
PBY-5
28P1015 -6 PIN
28P1014 - HANDLE
28P1013 - ARM
FINISH COD
Z [redacted]
P [redacted]
XP [redacted]
C [redacted] PLATE
GP-GREEN PRIME
NOTE:-
NO FINISH ON HANDLE
HANDLE MUST BE ASSEMBLED FREE TO TURN.
PBY-5B 28P5004 2
PBY-5A 28P5004 2
PBY-5 28P5004 2
PBY-4 28P1010
PBY-3 28P1010
PBY-2 28P1010
XP3Y-1 28P1010
PBY-1 28P1010
AN345-10 1
28P1015-6 1
28P1014 1
28P1013 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + -
APPROVED NOV 17 1936 DATE
CALC.WT. ACT.WT.
SCALE FULL SIZE
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
MATERIAL
NOTED
SPEC.
NONE
HEAT TREAT
EXCEPT HANDLE
GP FINISH
G.A. HENRY 9-18-36 DRAFT
CHECK
GREEN EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME CRANK ASSEM - ENG. CONTROLS COWL FLAP OPERATING
DWG. A SIZE 28P1016



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C | TRACED | 11-17-36
D | PROOF LOAD WAS 250 LBS. | 4/3/40
GAUGE #3 X 1 1/2 I.D. STEEL RING
NORTH & JUDD CATL'G #88-P126
FINISH - CADMIUM PLATE
SERVE AREO PROCESS
SPEC #PS-2
BOTH ENDS
-2 1/8 X7X19 EXTRA FLEX. STEEL
WIRE CABLE - NAVY SPEC. 22C2
FINISH = PARALKETONE
AN100-4 THIMBLE
26
PROOF LOAD TO 500 LBS.
PBY-5A | 28P1009 | 2
PBY-5 | 28P1009 | 2
PB2Y-2 | 29P1195 | 2
XPB2Y-1 | 29P023
PBY-4 | 28P1009
PBY-3 | 28P1009
PBY-2 | 28P1009
XP3Y-1 | 28P1009
P3Y-1 | 28P1009
PBY-5B | 28P1009 | 2
O.H. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
GAUGE | 2
AN100-4 | 2
28P1020-2 | 1
ST'D PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.
MAT. | PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
NOV 17 1936
APPROVED | DATE
.13
CALC. WT. | ACT. WT.
SCALE 12" = 1'0"
AC
NAVY NOTED | NOTED | NONE | NOTED
MATERIAL | SPEC. | HEAT TREAT | FINISH
5-6-36
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
CABLE ASSEMBLY
PROPELLER HOIST SLING
OPP. HAND
DWG. SIZE A
28P1020



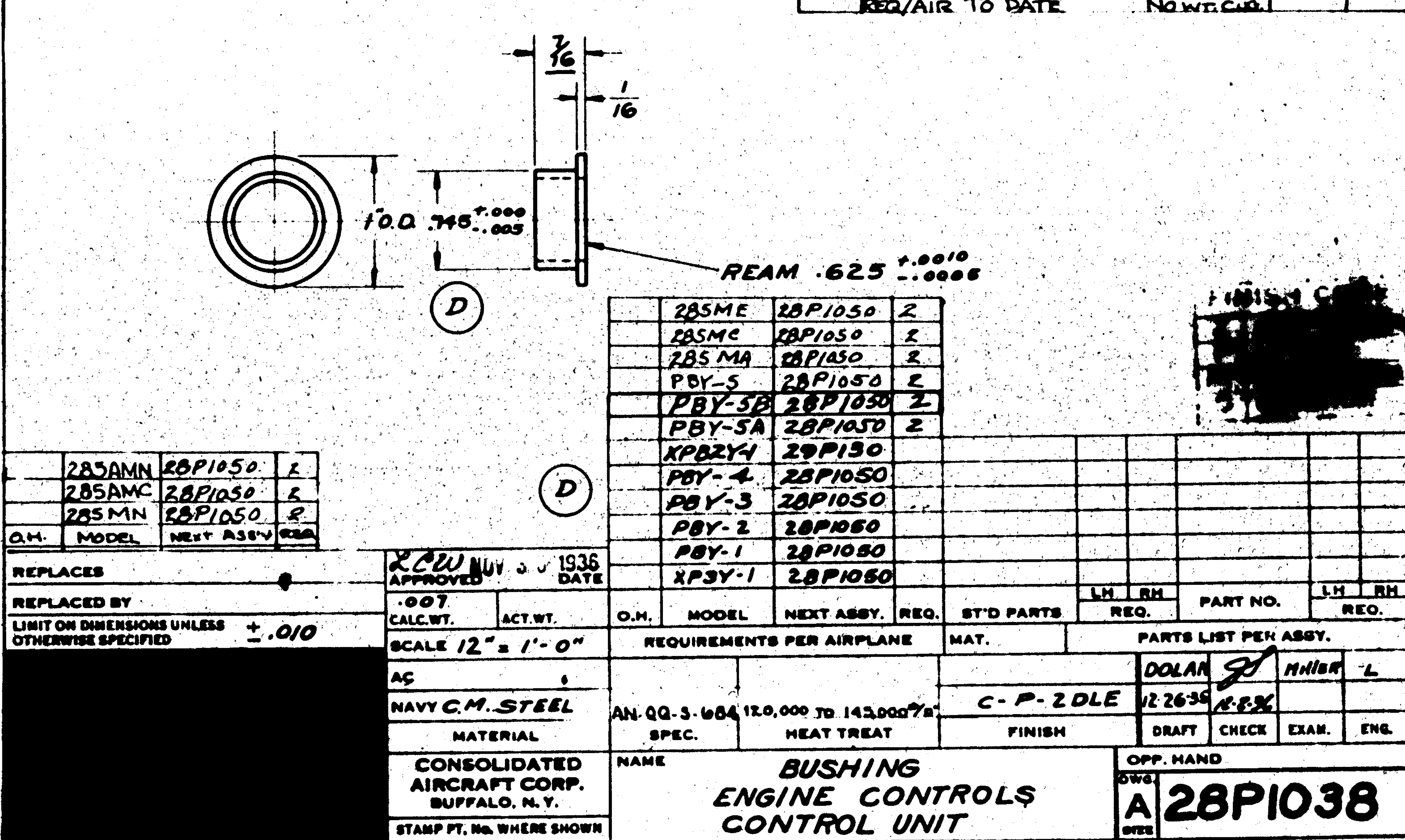
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 11-17-36 | DUNCAN
B | PBZY-3 REQ. (4) WAS (2) | 9-8-41
C | REMOVED FROM B/M MAT. .063 C.M. ST. SH.; SPEC. 47S14; H.T. "NORMALIZE" REPLACED WITH "NOTED" ADDED MAT. NOTE TO FACE OF DWG. & H.T. NOTE. | 11-30-42
MATERIAL NOTE-
1.-.063 S.A.E. 1020 OR S.A.E. 1025, SPEC. AN-QQ-S-651,
2.-.063 C.M. ST. SH., SPEC. AN-QQ-S-685, COND. A-1,
HEAT TREAT 55,000#/□" MIN.
GP-GREEN PRIME
1 5/16
21/32
11/32
11/64
15/16
5/16 R.
1/2 R.
1/2
1 1/8
11/16 R.
DRILL 1/4
PBY-5A | 28P1027 | 1
PBZY-3 | 28P1027 | 4
PBZY-2 | 28P1027 | 2
XPBZY-1 | 28P1027
PBY-4 | 28P1027
PBY-3 | 28P1027
PBY-2 | 28P1027
XP3Y-1 | 28-P-1027
PBY-1 | 28-P-1027
PBY-5B | 28P1027 | 1
O.H. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.
MAT. | PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED | DATE
.032 CALC. WT. | ACT. WT.
SCALE 12" = 1' 0"
AC
NAVY NOTED | NOTED | NOTED | C-P-2
MATERIAL | SPEC. | HEAT TREAT | FINISH GP
F. WALLIS | | MILLER
10-17-35
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME LINK - POWER PLANT STARTER CRANK SAFETY CABLE
OPP. HAND
DWG. A SIZE
28P1028



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 11-19-36 | DUNCAN
B | ADDED MODELS XB-24 & B24 | 6-26-39 | DALE
MCR 501-12 C | IN REQ BLK. REMOVED B24C & D ON N.A. 32P1074. | 6-10-43 | SAVILLE
1/2
1.502
1.503
1 12/64
CHAMFER 45° x 1/32
OIL-LESS GRAPHITE BRONZE BUSHING
PB2Y-3 | 29P1193 | 8
PBY-5A&B | 28P5053 | 4&
XB24B | 32P1074 | 8
XB24B | 32P1072 | 8
LB30 | 32P368 | 8
LB30 | 32P019 | 8
B24E | 32P1072 | 8
PB2Y-2 | 29P1193 | 8
O.H. | MODEL | NEXT ASSY. | REQ.
B24C, B24D | 32P1072 | 8
B24, B24A | 32P368 | 8
XB-24 | 32P368 | 8
B24, B24A | 32P019 | 8
XB-24 | 32P019 | 8
XPB2Y-1 | 29P027
PBY-4 | 28P3088
PBY-3 | 28P3088
XP3Y-1 | 28-P-1026
PBY-2 | 28P2021
PBY-1 | 28-P-1026
O.H. | MODEL | NEXT ASSY | REQ. | ST'D PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.
REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER [redacted].
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED XAW NOV 17 1936 DATE
.069 CALC. WT. ACT. WT
SCALE 12" = 1'0"
AC NOTED
NAVY NOTED
MATERIAL
COMMERCIAL NONE NONE
COMMERCIAL NONE NONE
SPEC. HEAT TREAT FINISH
ADAMS 11-23-36 | MILLER 12-1-36
DRAFT | CHECK | EXAM | ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO N.Y.
STAMP PT. No. WHERE SHOWN
NAME BUSHING - P.P. - STARTER CRANK EXTENSION SUPPORT
DWG. A SIZE 28P1029
R 28P1029

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
C	TRACED	12-1-36	STIEK
D	ADDED PBY-3 & PBY-4 REQM'TS		
	.745 +.000 -.005 WAS .750 +.000 -.010	12-22-37	
E	IN B/M REPLACED SPEC "46S23" WITH		
	"AN-QQ-S-684" & H.T. "NAF 8H27-1"		
	WITH "120,000 TO 145,000#/□" BRO'T	6-1-43	
	REQ/AIR TO DATE NO WT. CHG.		



O.H.	MODEL	NEXT ASS'Y	REQ.
	28SAMN	28P1050	2
	28SAMC	28P1050	2
	28SMN	28P1050	2

O.H.	MODEL	NEXT ASSY.	REQ.
	28SME	28P1050	2
	28SMC	28P1050	2
	28SMA	28P1050	2
	PBY-5	28P1050	2
	PBY-5B	28P1050	2
	PBY-5A	28P1050	2
	XPB2Y-1	29P130	
	PBY-4	28P1050	
	PBY-3	28P1050	
	PBY-2	28P1050	
	PBY-1	28P1050	
	XP3Y-1	28P1050	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED: LCW — DATE: NOV 30 1936

CALC. WT.: .007 — ACT. WT.:

SCALE 12" = 1'-0"

AC

NAVY C.M. STEEL

MATERIAL

SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AN-QQ-S-684	120,000 TO 145,000#/□"	C-P-2DLE	DOLAN 12-26-35	12-8-36	MILLER	L

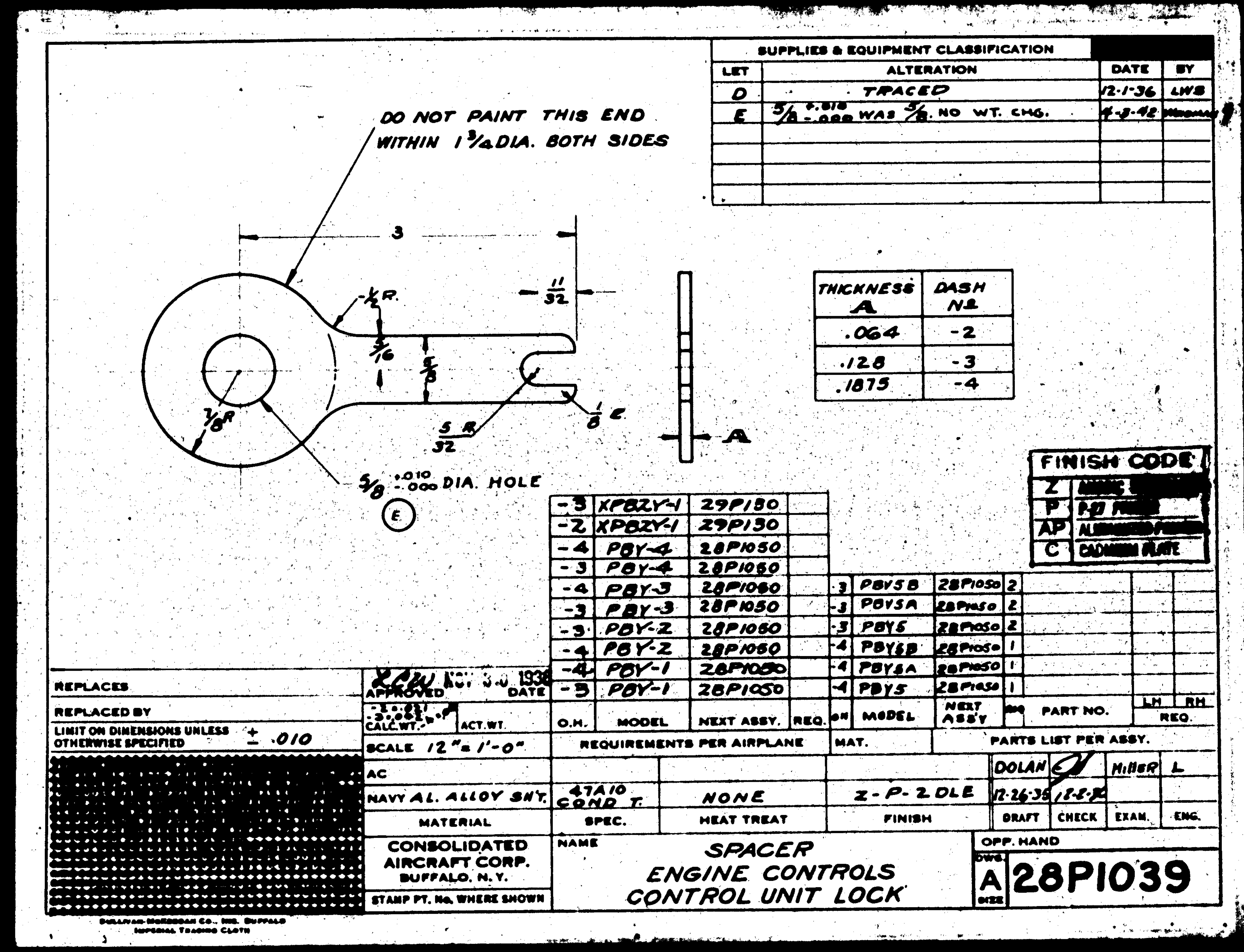
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

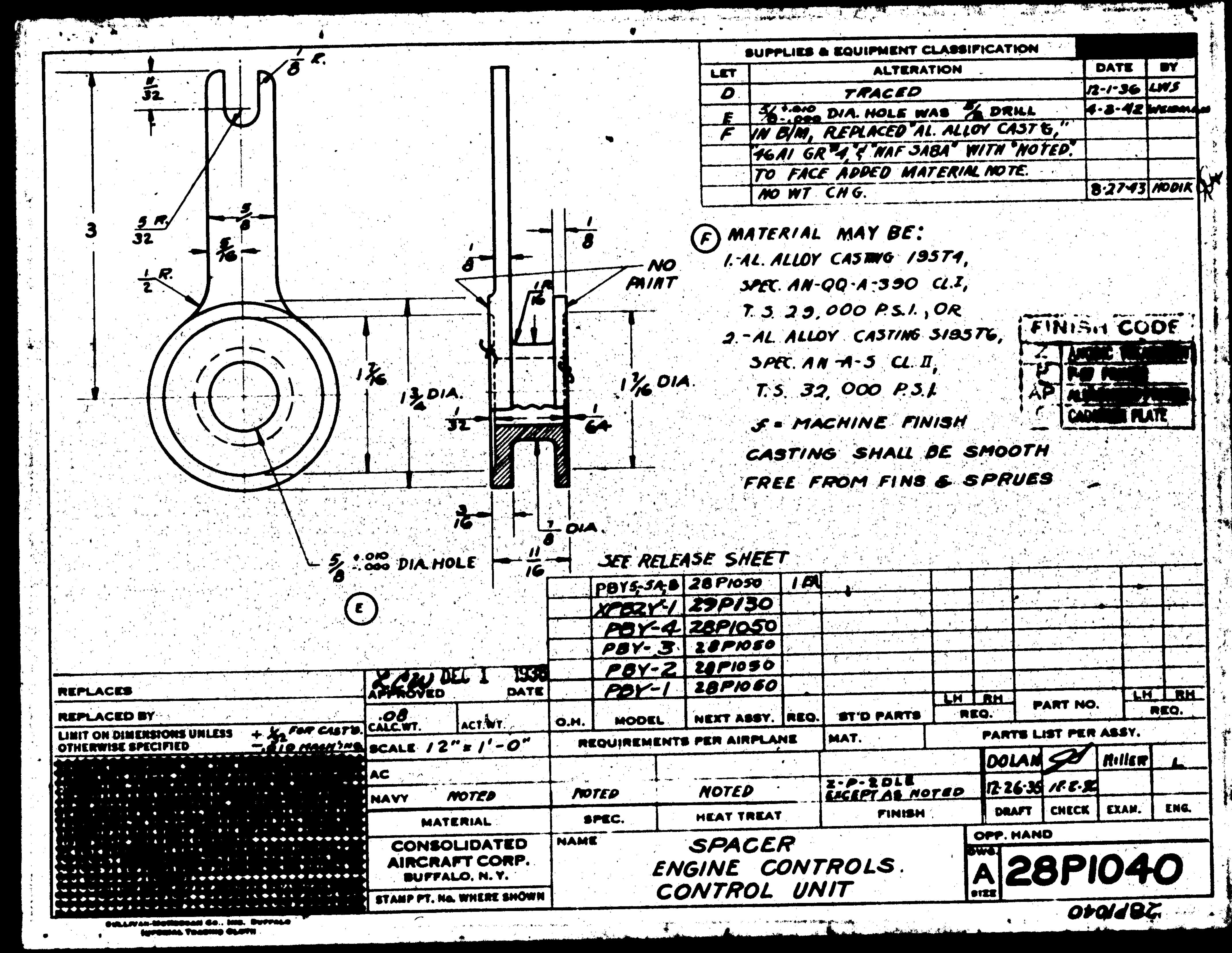
STAMP PT. No. WHERE SHOWN

NAME: BUSHING
ENGINE CONTROLS
CONTROL UNIT

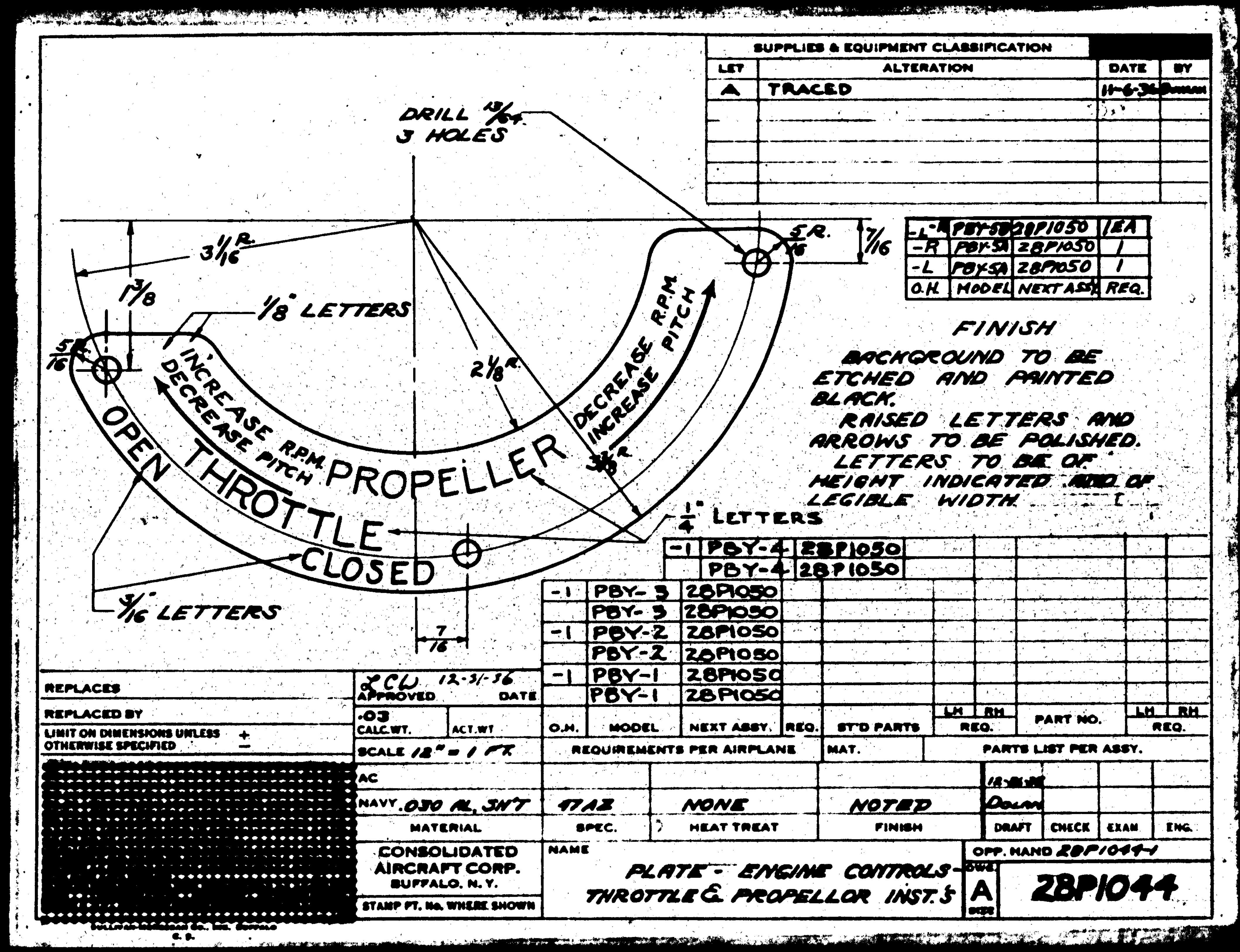
OPP. HAND

DWG. SIZE A — 28P1038

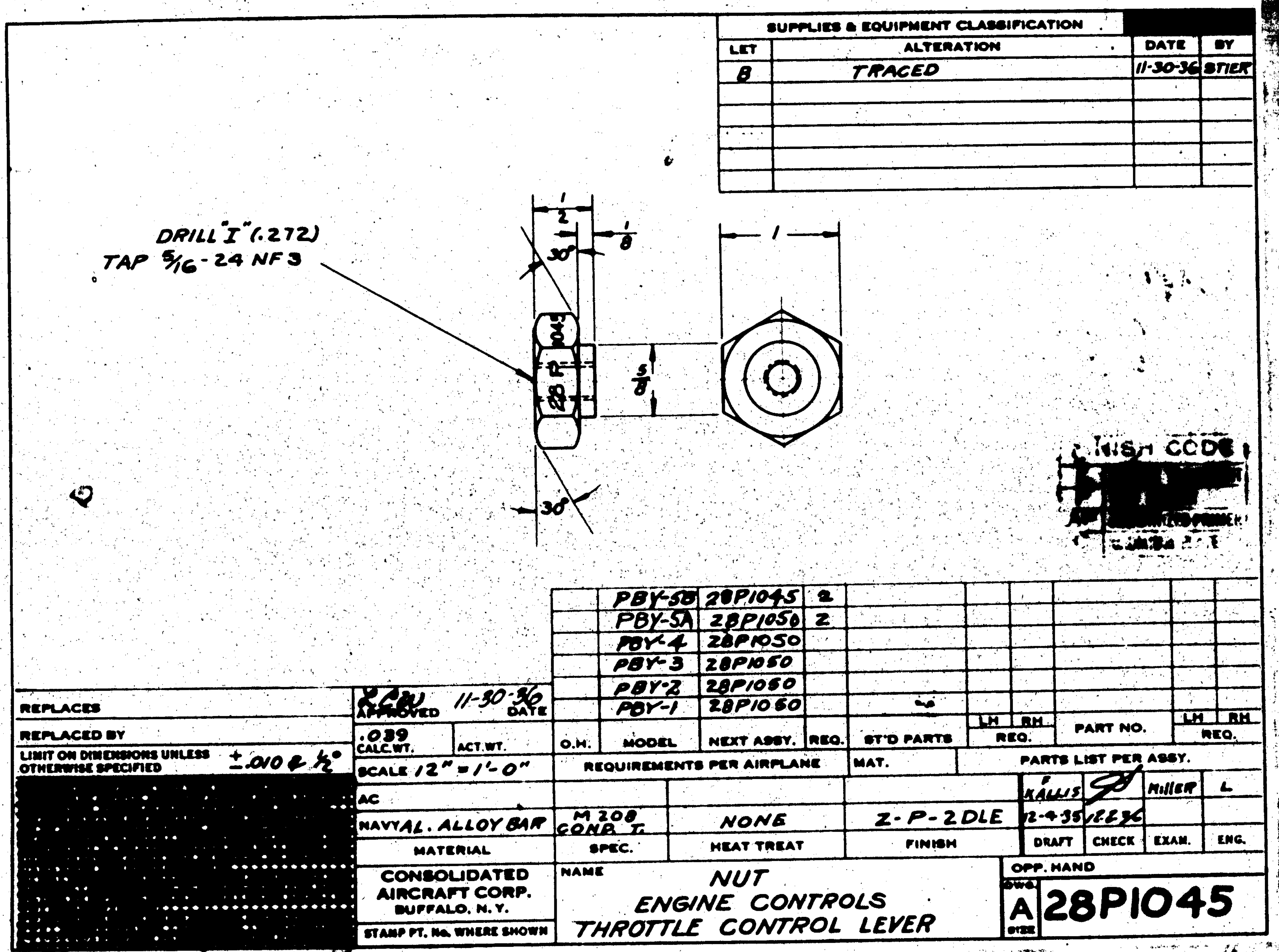

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
D | TRACED | 12-1-36 | LWS
E | 5/8 +.010 -.000 WAS 5/8. NO WT. CHG. | 4-8-42
DO NOT PAINT THIS END
WITHIN 1 3/4 DIA. BOTH SIDES
3
11/32
1/2 R.
3/16
5/8
7/8 R
5/32 R
1/8 E
5/8 +.010 -.000 DIA. HOLE
E
A
THICKNESS A | DASH No
.064 | -2
.128 | -3
.1875 | -4
FINISH CODE
Z
P
AP
C CADMIUM PLATE
-3 XPBZY-1 29P130
-2 XPBZY-1 29P130
-4 PBY-4 28P1050
-3 PBY-4 28P1050
-4 PBY-3 28P1050
-3 PBY-3 28P1050
-3 PBY-2 28P1050
-4 PBY-2 28P1050
-4 PBY-1 28P1050
-3 PBY-1 28P1050
-3 PBY5B 28P1050 2
-3 PBY5A 28P1050 2
-3 PBY5 28P1050 2
-4 PBY5B 28P1050 1
-4 PBY5A 28P1050 1
-4 PBY5 28P1050 1
O.H. MODEL NEXT ASSY. REQ.
MODEL NEXT ASS'Y PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
APPROVED DATE
CALC. WT.
ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
SCALE 12" = 1'-0"
AC
NAVY AL. ALLOY SHT. | 47A10 COND T. | NONE | Z-P-2 DLE
MATERIAL | SPEC. | HEAT TREAT | FINISH
DOLAN | MILLER L
12-26-35 12-8-35
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
SPACER
ENGINE CONTROLS
CONTROL UNIT LOCK
OPP. HAND
DWG. SIZE A
28P1039
SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH



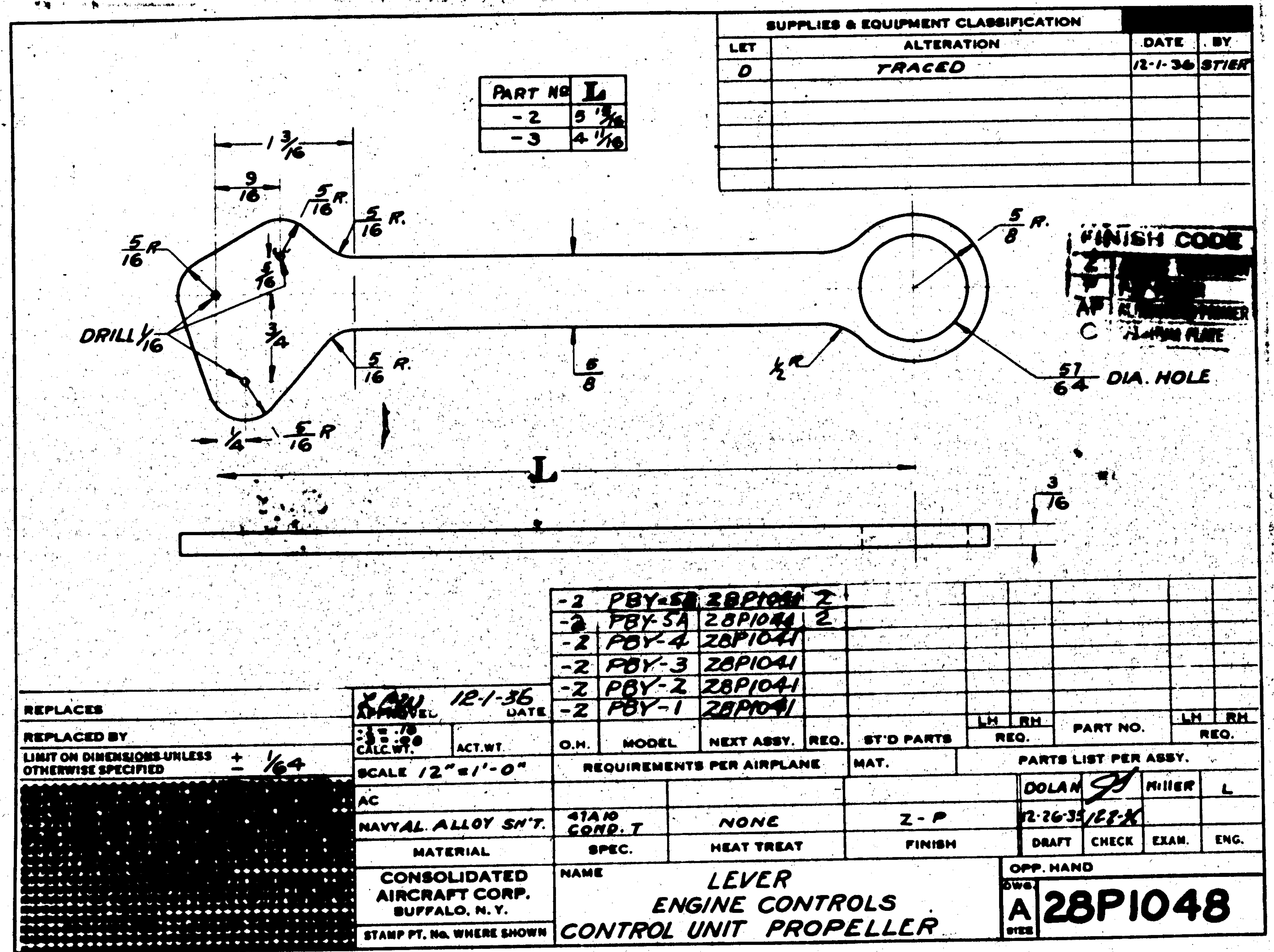
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
D | TRACED | 12-1-36 | LWS
E | 5/8 +.010 -.000 DIA. HOLE WAS 5/8 DRILL | 4-3-42
F | IN B/M, REPLACED "AL. ALLOY CAST'G," "46A1 GR"4,"& "NAF 3ABA" WITH "NOTED." TO FACE ADDED MATERIAL NOTE. NO WT CHG. | 8-27-43 | HODIK
1/8 R.
11/32
3
5/32 R.
5/8
5/16
1/2 R.
1 7/16
1 3/4 DIA.
1/8
1/8
NO PAINT
1/16
1/32
1/64
1 1/16 DIA.
3/16
7/8 DIA.
11/16
5/8 +.010 -.000 DIA. HOLE
E
F MATERIAL MAY BE:
1.-AL. ALLOY CASTING 195T4, SPEC. AN-QQ-A-390 CL.I, T.S. 29,000 P.S.I., OR
2.-AL. ALLOY CASTING S195T6, SPEC. AN-A-5 CL. II, T.S. 32,000 P.S.I.
f = MACHINE FINISH
CASTING SHALL BE SMOOTH FREE FROM FINS & SPRUES
FINISH CODE
[redacted]
CADMIUM PLATE
SEE RELEASE SHEET
PBY5-5A-B | 28P1050 | 1
XPB2Y-1 | 29P130
PBY-4 | 28P1050
PBY-3 | 28P1050
PBY-2 | 28P1050
PBY-1 | 28P1050
REPLACES
REPLACED BY
APPROVED DEC 1 1936 DATE
.08 CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + 1/32 FOR CAST'G. - .010 MACHINING
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NOTED
Z-P-2DLE EXCEPT AS NOTED
DOLAN
Miller
12-26-36
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
SPACER
ENGINE CONTROLS
CONTROL UNIT
OPP. HAND
DWG SIZE A
28P1040
28P1040



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 11-6-36
DRILL 13/64
3 HOLES
3 1/16 R.
1 3/8
1/8" LETTERS
5 R. 16
2 1/8 R.
INCREASE R.P.M.
DECREASE PITCH
DECREASE R.P.M.
INCREASE PITCH
PROPELLER
OPEN THROTTLE CLOSED
3 3/8 R.
1/4" LETTERS
3/16" LETTERS
7/16
5 R. 16
7/16
-L | PBY-5A | 28P1050 | 1EA
-R | PBY-5A | 28P1050 | 1
-L | PBY-5A | 28P1050 | 1
O.H. | MODEL | NEXT ASSY. | REQ.
FINISH
BACKGROUND TO BE ETCHED AND PAINTED BLACK.
RAISED LETTERS AND ARROWS TO BE POLISHED.
LETTERS TO BE OF HEIGHT INDICATED AND OF LEGIBLE WIDTH.
-1 | PBY-4 | 28P1050
PBY-4 | 28P1050
-1 | PBY-3 | 28P1050
PBY-3 | 28P1050
-1 | PBY-2 | 28P1050
PBY-2 | 28P1050
-1 | PBY-1 | 28P1050
PBY-1 | 28P1050
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
LCW 12-31-36
APPROVED DATE
.03
CALC.WT. ACT.WT
SCALE 12" = 1 FT.
AC
NAVY .030 AL. SHT | 47A2 | NONE | NOTED
MATERIAL | SPEC. | HEAT TREAT | FINISH
DRAFT | CHECK | EXAM | ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
PLATE - ENGINE CONTROLS - THROTTLE & PROPELLOR INST.'S
OPP. HAND 28P1044-1
DWG. A SIZE
28P1044



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED | 11-30-36 | STIER
DRILL "I" (.272)
TAP 5/16-24 NF3
1/2
1/8
30°
1
5/8
30°
28P1045
PBY-5B 28P1045 2
PBY-5A 28P1050 2
PBY-4 28P1050
PBY-3 28P1050
PBY-2 28P1050
PBY-1 28P1050
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010 & 1/2°
APPROVED 11-30-36 DATE
.039 CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY AL. ALLOY BAR
MATERIAL
M 208 COND. T.
SPEC.
NONE
HEAT TREAT
Z-P-2DLE
FINISH
KALLIS 12-4-35
CHECK 12-2-36
MILLER
L
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
NUT
ENGINE CONTROLS
THROTTLE CONTROL LEVER
OPP. HAND
DWG. SIZE A
28P1045



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
D | TRACED | 12-1-36 | STIER
PART No | L
-2 | 5 13/16
-3 | 4 11/16
1 3/16
9/16
5/16 R.
5/16 R
1/16
3/4
DRILL 1/16
1/4
5/16 R
5/16 R.
5/8
1/2 R
5/8 R.
57/64 DIA. HOLE
FINISH CODE
L
3/16
-2 | PBY-5B | 28P1041 | 2
-2 | PBY-5A | 28P1041 | 2
-2 | PBY-4 | 28P1041
-2 | PBY-3 | 28P1041
-2 | PBY-2 | 28P1041
-2 | PBY-1 | 28P1041
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED KAW 12-1-36 DATE
CALC.WT. | ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY AL. ALLOY SH'T. | 41A10 COND. T | NONE | Z-P
MATERIAL | SPEC. | HEAT TREAT | FINISH
DOLAN | Miller | L
12-26-35
DRAFT | CHECK | EXAM. | ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME LEVER ENGINE CONTROLS CONTROL UNIT PROPELLER
DWG. SIZE A 28P1048
SULLIVAN-MCKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

LET	SUPPLIES & EQUIPMENT CLASSIFICATION ALTERATION	[redacted] DATE	BY
A	TRACED	11-30-36	LWS
B	ADDED NOTE: "ALTERNATE --- COND. N." WT. CHG. NEG.	10-10-42	[illegible]

(B)

✳ NOTE —

ALTERNATE MATERIALS:

CHROME-MOLY WELDED TUBING, AN-T-3, TYPE I, COND. N.

CHROME-MOLY SEAMLESS TUBING, AN-WW-T-850, COND. N.

4 7/8

REAM .500 $^{+.0010}_{-.0005}$ DEPTH 13/16 BOTH ENDS

CHAMFER 45° X 3/64

O.H.	MODEL	NEXT ASSY.	REQ.	MODEL	NEXT ASSY.	REQ	PART NO.	LH REQ.	RH REQ.
				28-5MN & AMN	28P1047	1 EA.			
				28-5MC & AMC	28P1047	1 EA			
	PBY-5A	28P1047	1	28-5MA & ME	28P1047	1 EA			
	PBY-4	28P1047		PBY-5B	28P1047	1			
	PBY-3	28P1047		PBY-5	28P1047	1			
	PBY-2	28P1047							
	PBY-1	28P1047							

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010

[redacted]

APPROVED: RAW	DATE: 11-30-36						
CALC. WT.: .158	ACT. WT.						
SCALE 12" = 1'-0"							
▬ 5/8 X .065 NAVY C.M.S. TUBE ✳	44T18	NORMALIZE	NONE	DOLAN 12-2-36	[illegible] 12-8-36	Miller	L
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: SHAFT ENGINE CONTROLS CONTROL UNIT

OPP. HAND

DWG. SIZE A — 28P1049

DUBLIN-McCLEAN Co., INC. BUFFALO — IMPERIAL TRACING CLOTH

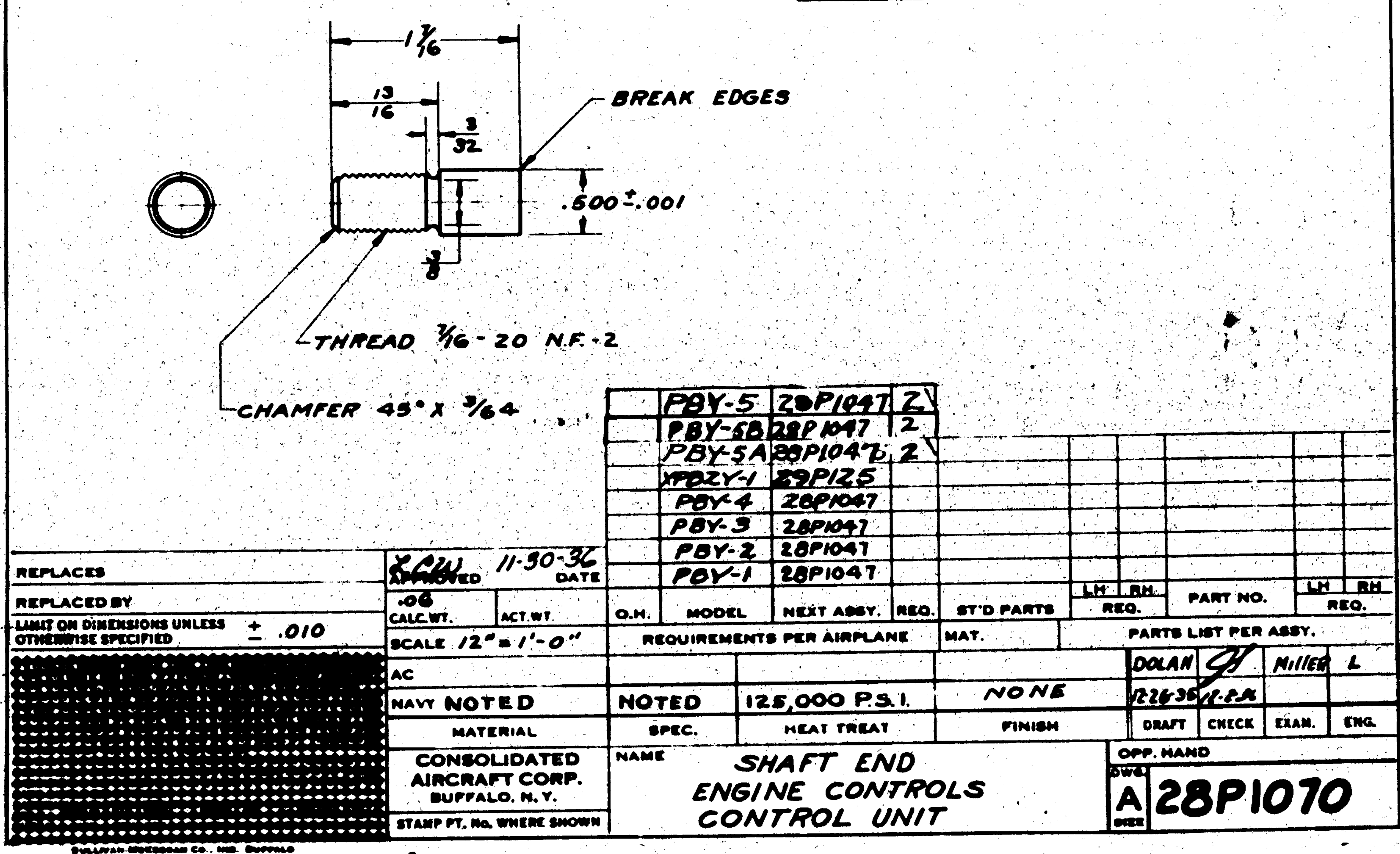
MATERIAL NOTES-

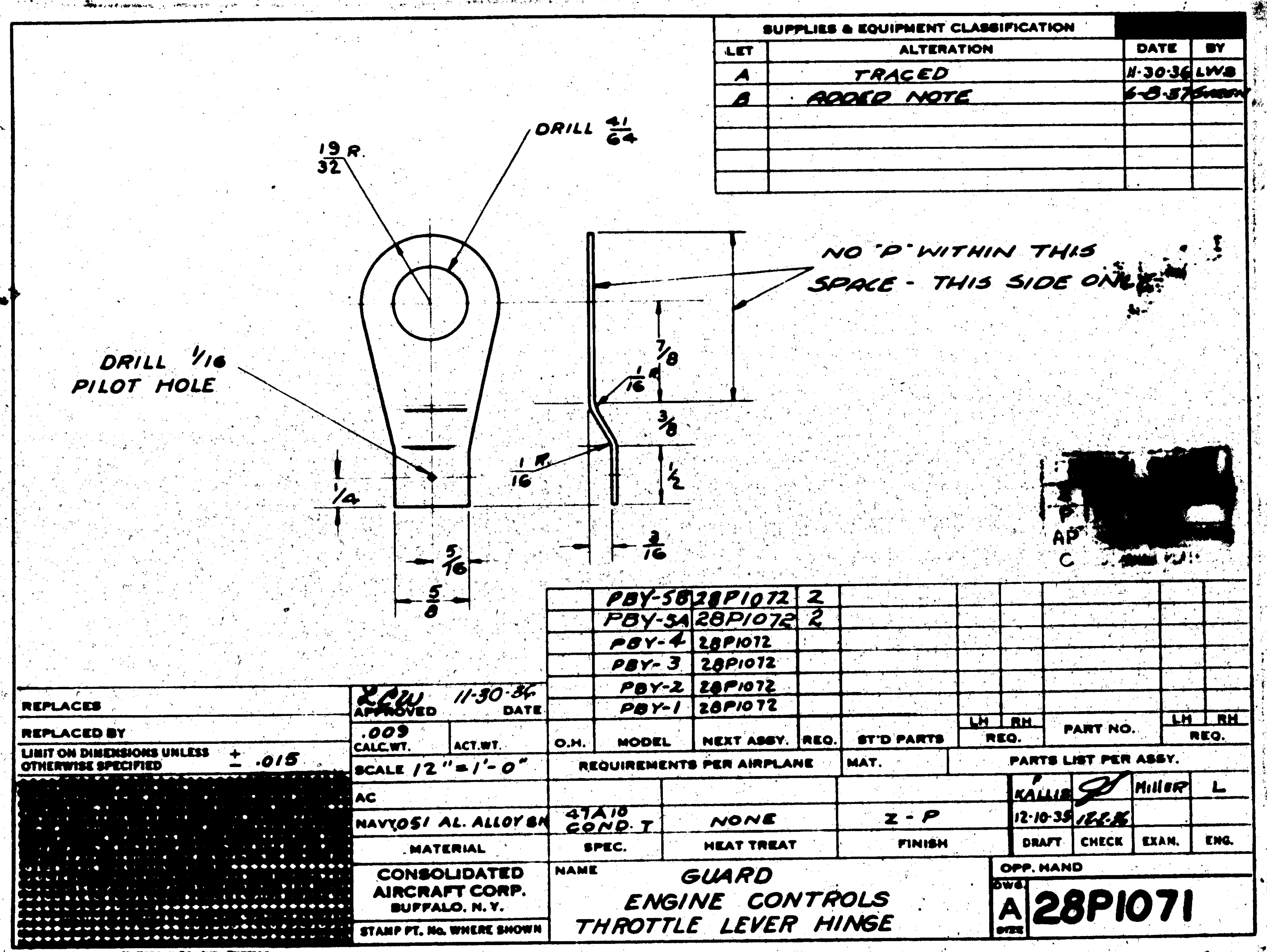
(1) N.E. 8735 ST'L, SPEC. AN-S-15. OR

(2) S.A.E. X 4130, SPEC. AN-QQ-S-684, COND. F-4.

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	11-30-36	LWS
B	REMOVED FROM B/M, MAT. "C.M. STEEL SPEC. "46S23". REPLACED WITH "NOTES" REMOVED H.T. "NAF SH 27-1," REPLACED WITH "125,000 P.S.I. ADDED MAT. NOTES 1 & 2. (WT. CHG. NEG.)	12-26-42	[illegible]





SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 11-30-36 | LWB
B | ADDED NOTE | 6-8-37 | SHEPH
DRILL 41/64
19/32 R.
NO "P" WITHIN THIS SPACE - THIS SIDE ONLY
7/8
1/16 R.
3/8
1/2
DRILL 1/16 PILOT HOLE
1/4
1/16 R.
3/16
5/16
5/8
P
AP
C
PBY-5B 28P1072 2
PBY-5A 28P1072 2
PBY-4 28P1072
PBY-3 28P1072
PBY-2 28P1072
PBY-1 28P1072
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
LCW 11-30-36
APPROVED DATE
.009 CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY .051 AL. ALLOY SH
MATERIAL
47A10 COND. T
SPEC.
NONE
HEAT TREAT
Z - P
FINISH
KALLIS 12-10-35
12-2-36
CHECK
MILLER
L
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUARD
ENGINE CONTROLS
THROTTLE LEVER HINGE
OPP. HAND
DWG. SIZE A
28P1071
SULLIVAN-HOWARD CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	12-1-36	LWS

LOOP IN CENTER

3/8 DIA.

1/2 DIA.

3/8 DIA.

LOOP IN CENTER

2 1/8 APPROX.

30 ACTIVE COILS .072 MUSIC WIRE

CLOSE WOUND

	PBY-2	28P1003	
	PBY-1	28P1003	
	XP3Y-1	28P1003	
O.H.	MODEL	NEXT ASSY.	REQ.
REQUIREMENTS PER AIRPLANE			

STD PARTS — REQ. LH RH — PART NO. — REQ. LH RH — MAT'L — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED: LCW — DATE: 12-1-36

CALC. WT.: .045 — ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY NOTED — MATERIAL

SPEC.: 22W11

HEAT TREAT: SPRING TEMP.

FINISH: C - BAKE

DRAFT	CHECK	EXAM.	ENG.
CWP 12-17-35	[signature] 12-2-36	Miller	L

OPP. HAND

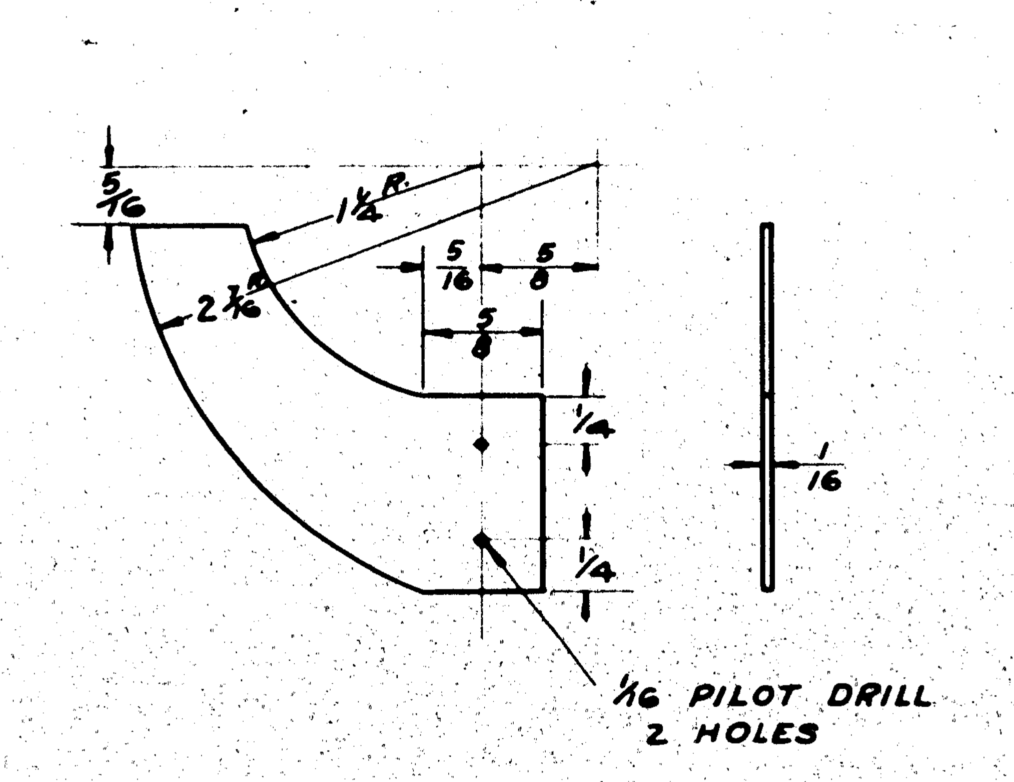
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

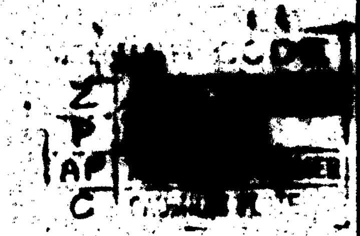
STAMP PT. No. WHERE SHOWN

NAME: SPRING - P.P. CARB. PREHEATER VALVE RETURN

DWG. SIZE A — 28P1079

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	11-30-36	LWS





O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28P1043	2						
	PBY-5A	28P1043	2						
	PBY-4	28P1043							
	PBY-3	28P1043							
	PBY-2	28P1043							
	PBY-1	28P1043							
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32

APPROVED: LCW	DATE: 11-30-36
CALC. WT.: .012	ACT. WT.
SCALE 12" = 1'-0"	

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM	ENG.
AC				DOLAN	SJ	Miller	L
NAVY AL. ALLOY SH'T.	41A10 COND. T.	NONE	Z-P	12-26-36	12-2-36		

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

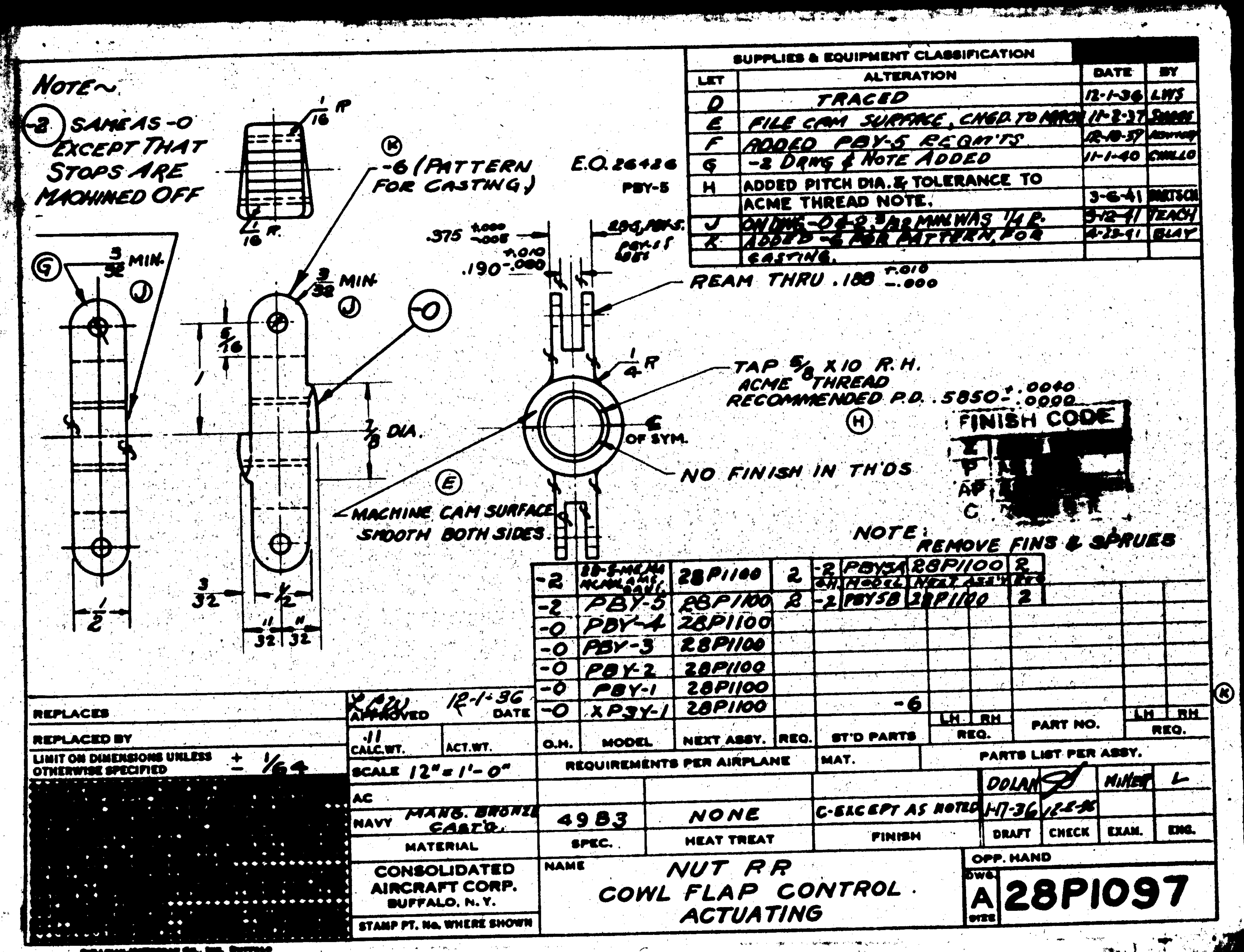
STAMP PT. No. WHERE SHOWN

NAME: STOP
ENGINE CONTROLS
THROTTLE LEVER

OPP. HAND

DWG. SIZE A — 28P1088

SULLIVAN-MORRISON CO., INC. BUFFALO
IMPERIAL TRACING CLOTH



NOTE~
-2 SAME AS -0 EXCEPT THAT STOPS ARE MACHINED OFF
1/16 R
1/16 R
-6 (PATTERN FOR CASTING.)
E.O. 26426
PBY-5
3/32 MIN.
3/32 MIN.
5/16
1
7/8 DIA.
3/32
1/2
1/2
11/32
11/32
.375
.190
REAM THRU .188 +.010 -.000
1/4 R
TAP 5/8 X 10 R.H. ACME THREAD
RECOMMENDED P.D. .5850 +.0040 -.0000
℄ OF SYM.
NO FINISH IN TH'DS
MACHINE CAM SURFACE SMOOTH BOTH SIDES
FINISH CODE
NOTE: REMOVE FINS & SPRUES
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
D
TRACED
12-1-36
LWS
E
FILE CAM SURFACE, CHGD. TO MACH.
F
ADDED PBY-5 REQM'TS
G
-2 DRWG & NOTE ADDED
11-1-40
H
ADDED PITCH DIA. & TOLERANCE TO ACME THREAD NOTE.
3-6-41
K
ADDED -6 FOR PATTERN, FOR CASTING.
-2
28P1100
2
-2
PBY5A
28P1100
2
D.H.
MODEL
NEXT ASS'Y
REQ
-2
PBY-5
28P1100
2
-2
PBY5B
28P1100
2
-0
PBY-4
28P1100
-0
PBY-3
28P1100
-0
PBY-2
28P1100
-0
PBY-1
28P1100
-0
XP3Y-1
28P1100
-6
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
APPROVED
12-1-36
DATE
REPLACED BY
.11
CALC. WT.
ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
SCALE 12" = 1'-0"
AC
NAVY
MANG. BRONZE CAST'G.
MATERIAL
4983
SPEC.
NONE
HEAT TREAT
C-EXCEPT AS NOTED
FINISH
DOLAN
11-17-36
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
NUT RR COWL FLAP CONTROL ACTUATING
OPP. HAND
DWG. SIZE A
28P1097

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	11-30-36	LWS
B	ADD PBY-5 REQ.	12-18-39	[illegible]
C	3/32 WAS 3/64	6-8-43	[illegible]

CHAMFER 45° X 1/32

1/4

7/8

1/16

SECTION A-A

A

A

1 3/16 X 18 NS-3 THREAD

CUT SLOT ACROSS DIAMETER
(C) 3/32 WIDE X 1/16 DEEP
AS SHOWN

GP-GREEN PRIME

FINISH CODE
Z [illegible]
P [illegible]
AP [illegible] PRIMER
C [illegible] PLATE

	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28P1100	4
	PBY-5A	28P1100	4
	PBY-5	28P1100	4
	PBY-4	28P1100	
	PBY-3	28P1100	
	PBY-2	28P1100	
	PBY-1	28P1100	
	XP3Y-1	28P1100	
O.H.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.

MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[illegible] APPROVED 11-30-36 DATE

.013 CALC. WT. | ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY AL. ALLOY BAR | M268 COND. T | | Z-P - ZGP EXCEPT THD.

MATERIAL | SPEC. | HEAT TREAT | FINISH

DOLAN	[illegible]	MILLER	L
11-17-36	12-2-36		
DRAFT	CHECK	EXAM.	ENG.

OPP. HAND

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME RETAINER - P.P.
COWL FLAP CONTROL
BEARING

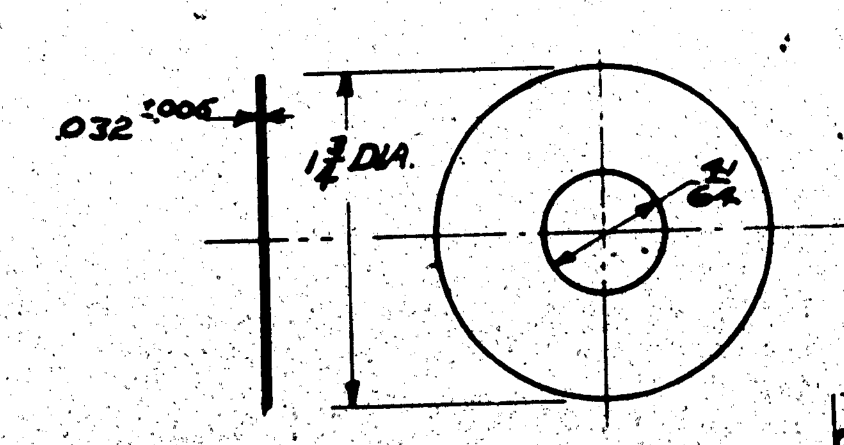
DWG. SIZE A 28P1099

28P1099

[redacted]

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D



NOTE:
1- MATERIAL MAY BE:
(A) STAINLESS STEEL SHEET, SPEC. AN-QQ-S-757, COND. A., OR
(B) STAINLESS STEEL SHEET, SPEC. AN-QQ-S-772, COMP. G, COND. A.

CO [redacted]

SEE RELEASES

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5	28P1050		10				
PBY5A	28P1050		10				
XPB2Y-1	29P130						
PBY-4	28P1050						
PBY-3	28P1050						
PBY-2	28P1050						
PBY-1	28P1050						
XP3Y-1	28P1050						
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			

NAVY APPROVED [signature] 12-8-36 DATE

CALC. WT. .02 | ACT. WT.

SCALE 12"=1'-0"

LIMIT ON DIMENSIONS ±.010

LET.	CHANGED	DATE	CH. BY
B	IN B/M "STAINLESS STEEL SHEET & "47S18GRIS" REPL. BY "NOTED." ADD. MATERIAL NOTE. NO WT. CHG.	10-1-43	LARSEN
A	TRACED	12-8-36	L.D.M.

MATERIAL	NOTED	DRAFTSMAN	HOOVER 3-9-36
SPEC'S. NAVY NO.	NOTED	STRENGTH & W'T. EXAM.	Green 3-15-36
HEAT TREAT	—	CHECKED	Stier 12-17-36
FINISH	C	APPR'VD. & REL'S'D.	[signature]

DISC-ENGINE CONTROL UNIT-FRICTION

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 28P1161

LET	ALTERATION	DATE	BY
	SUPPLIES & EQUIPMENT CLASSIFICATION		
B	TRACED	11-19-36	G.H.D.
C	29P3900 WAS 29P3090 (16 REQ)	8-24-42	[illegible]
	FOR PB2Y-3. CHG. 157.		
D	IN B/M, REPLACED SPEC. "46S23" WITH		
	"AN-QQ-S-684j & HEAT TREAT "NAF. BH		
	27-1" WITH "120,000 TO 145,000 #/□".		
	BRO'T. REQ/AIR TO DATE. (NO WT. CHG.)	5-22-43	[illegible]

3/4 — 3/16 — 3/32 — 5/8 — 1/16 x 45° — 3/16

1/16 DIA. DRILL THREE HOLES

CSK. 110° x 5/16
TAP 5/16 - 24 NF 3

3/32 DIA. DRILL TWO HOLES

FINISH CODE [redacted]

O.H.	MODEL	NEXT ASSY.	REQ.
	PB2Y-3	29E3070	8
	PB2Y-3	29F3080	4
	PB2Y-3	29E3030	4
	XPB2Y-3	29E3400	[illegible]
	28-5AMN	28P1009	8
	28-5AMC	28P1009	8
	28-5MN	28P1009	8
	28-5ME	28P1009	8
	28-5MC	28P1009	8
	28-5MA	28P1009	8
	PBY-5	28P1009	8
	PB2Y-3	29E3480	4
	PBY-5A	28P1009	8
	PB2Y-3	29P3900	16 ← #1 TO 150
	PB2Y-2	29P1196	16
	XPB2Y-1	29P023	
	PBY-4	28P1009	
	PBY-3	28P1009	
	PBY-2	28P1009	
	XP3Y-1	28P1009	
	PBY-1	28P1009	
	PBY-5B	28P1009	8

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010

[redacted]

APPROVED	R.C.W.
DATE	11-19-36
CALC. WT.	
ACT. WT.	
SCALE	12" = 1'0"

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC			
NAVY CR. MOLY. STEEL	AN-QQ-S-684	120,000 TO 145,000 #/□"	C

DRAFT	CHECK	EXAM.	ENG.
HOOVER	[illegible]	MILLER	
5-6-36	12-1-36		

MAT.

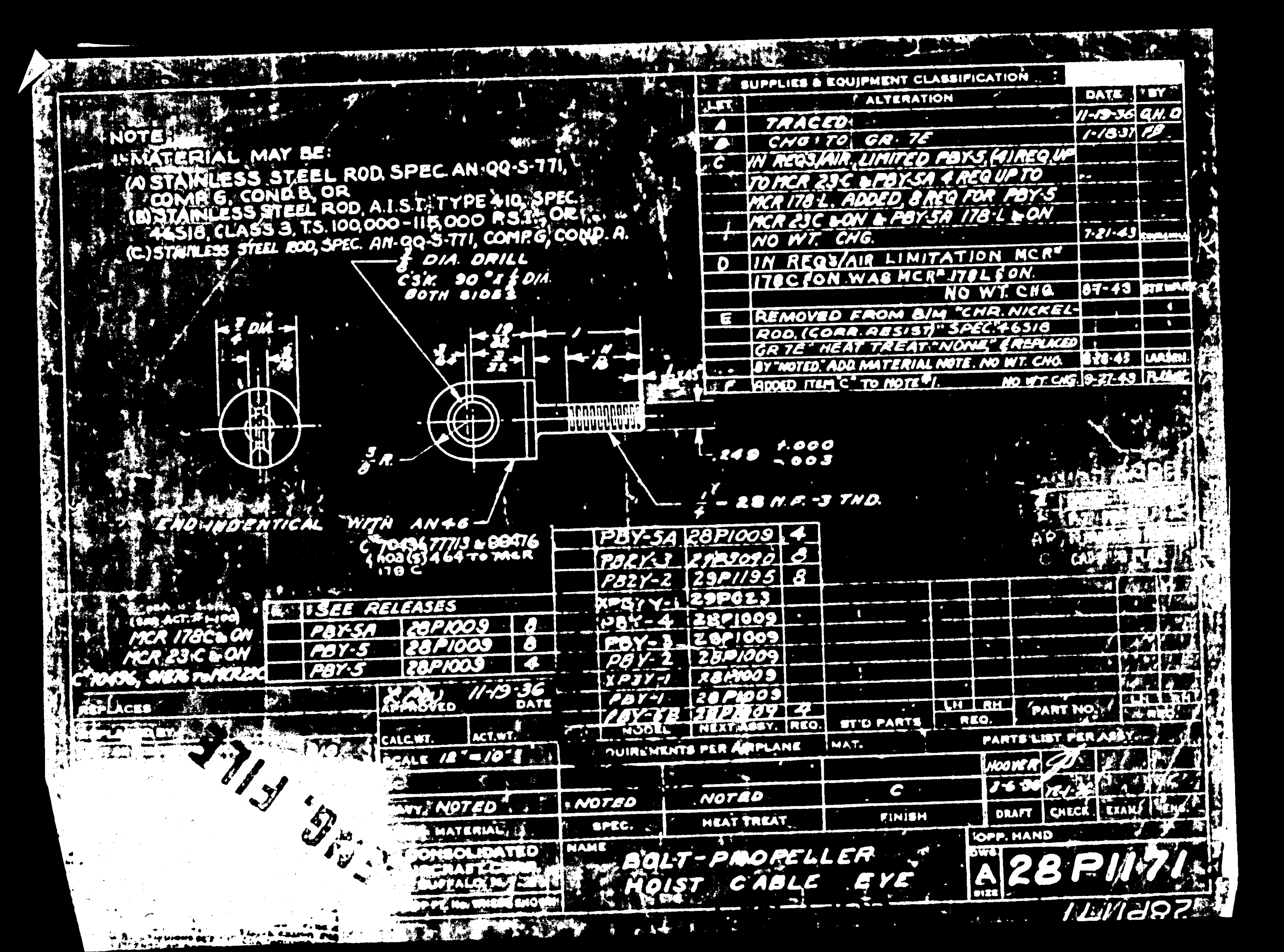
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: NUT - PROPELLER HOIST ENGINE ATTACHING

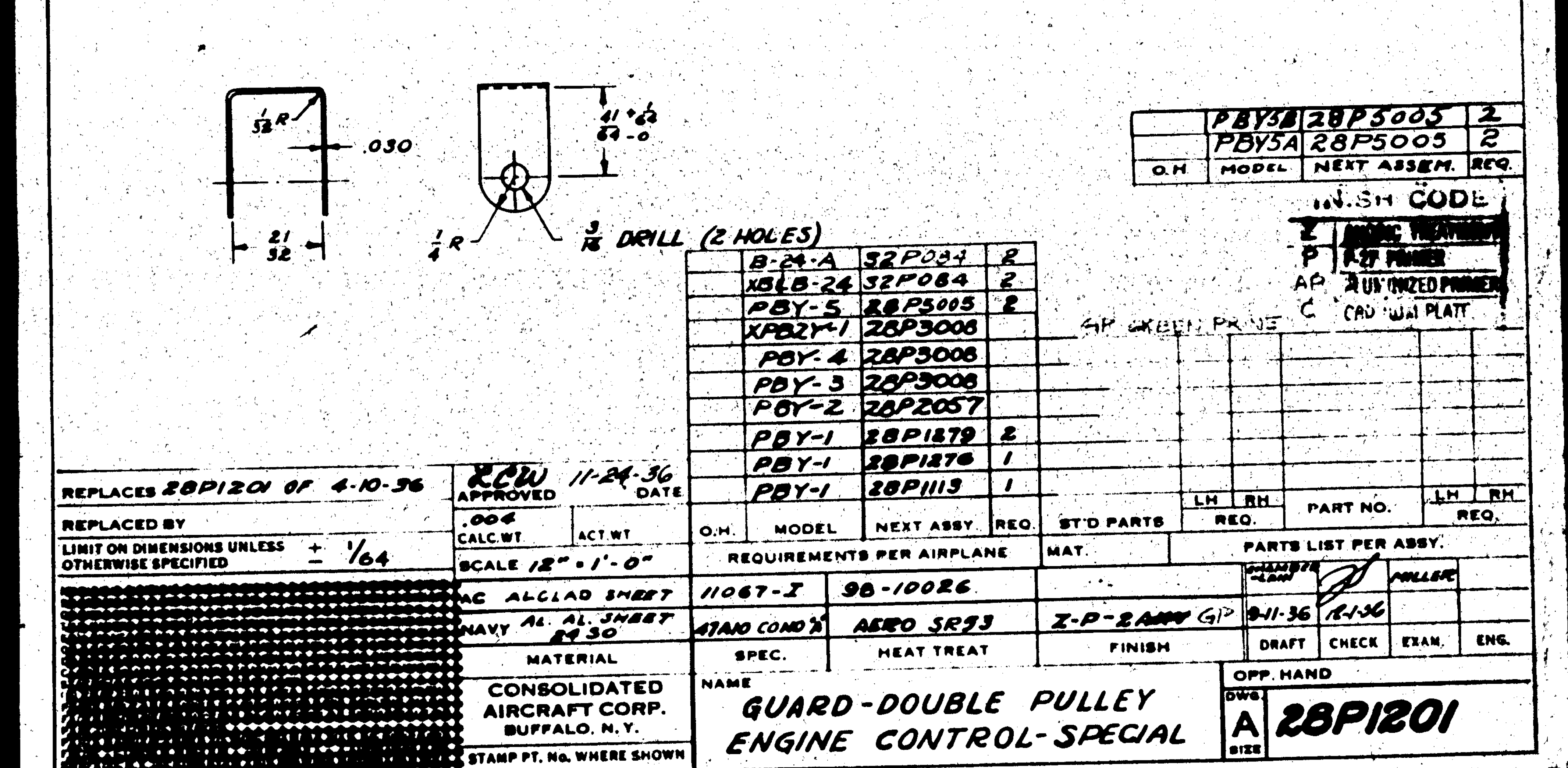
OPP. HAND

DWG. SIZE A — 28P1170


SUPPLIES & EQUIPMENT CLASSIFICATION
LET. ALTERATION DATE BY
A TRACED 11-19-36
B CHG TO GR. 7E 1-18-37
C IN REQS/AIR. LIMITED PBY-5 (4) REQ UP TO MCR 23C & PBY-5A 4 REQ UP TO MCR 178-L. ADDED, 8 REQ FOR PBY-5 MCR 23C & ON & PBY-5A 178-L & ON NO WT. CHG. 7-21-43
D IN REQS/AIR LIMITATION MCR# 178C & ON WAS MCR# 178L & ON. NO WT. CHG 8-7-43
E REMOVED FROM B/M "CHR. NICKEL-ROD. (CORR. RESIST.)" SPEC. 46518 GR 7E" HEAT TREAT "NONE" & REPLACED BY "NOTED." ADD MATERIAL NOTE. NO WT. CHG. 8-28-43 LARSEN
F ADDED ITEM "C" TO NOTE #1. NO WT. CHG. 9-27-43
NOTE:
1- MATERIAL MAY BE:
(A) STAINLESS STEEL ROD. SPEC. AN-QQ-S-771, COMP. G, COND. B, OR
(B) STAINLESS STEEL ROD, A.I.S.I. TYPE 410, SPEC. 46518, CLASS 3, T.S. 100,000-115,000 P.S.I., OR
(C) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.
DIA. DRILL C'SK. 90° x DIA. BOTH SIDES
3/8 R.
.240 +.000 -.003
1/4 - 28 N.F. -3 THD.
END IDENTICAL WITH AN46
SEE RELEASES
PBY-5A 28P1009 8
PBY-5 28P1009 8
PBY-5 28P1009 4
MCR 178C & ON
MCR 23C & ON
PBY-5A 28P1009 4
PBY-3 29P1195 8
XPBY-1 29P023
PBY-4 28P1009
PBY-3 28P1009
PBY-2 28P1009
XP3Y-1 28P1009
PBY-1 28P1009
MODEL NEXT ASSY. REQ.
REQUIREMENTS PER AIRPLANE
APPROVED 11-19-36 DATE
REPLACES
CALC. WT. ACT. WT.
SCALE 12"=10"
NOTED
MATERIAL
NOTED NOTED C
SPEC. HEAT TREAT FINISH
ST'D PARTS MAT. PARTS LIST PER ASSY.
LH RH REQ. PART NO.
HOOVER DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME BOLT-PROPELLER HOIST CABLE EYE
OPP. HAND
DWG SIZE A 28P1171

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED	11-24-36	[illegible]



[redacted]

MATERIAL NOTE; 1/2 DIA. ST'L BAR
(1.) N.E. 8735, SPEC. AN-S-15. OR
(2.) S.A.E. X4130, SPEC AN-QQ-S-684, COND. F-4.

A.	TRACED	12-4-36	L.D.M.
B	ADDED PBY-2, -3 & -4 REQ'M'TS	2-1-38	
C	ADDED XB-24, B-24 & PBY-5 REQ.	12-27-39	
D	B24D REQ'S ADDED		
	FINISH NOTE ADDED	1-30-41	
E	REMOVED FROM B/M "C M STEEL BAR" NAVY SPEC "46S23" ARMY SPEC "57-107-19" REPLACED WITH "NOTED". REMOVED HT, NAVY "NAF SH27-1" & ARMY "98-10025" REPLACED WITH 125,000 PSI ADDED NOTES ETC "WT CHG. NEG"	12-22-42	
F		6-17-43	

2 DIA

DRILL #50 (.070)

CHAMFER 45° x 1/32
THREAD #10-32 N.F-3
P.D. .1697

RAD .005 MIN .015 MAX

.186 DIA.

.249 DIA.

STAMP HEAD AS SHOWN

PBY-5A	28P5005	4
PB2Y-2	28P1002	12
PB2Y-3	28P3002	12
PBY-5	28P5005	4
32 MF	32P007	4
B24C, D & E	32P1007	4
B24-B24A	32P007	4
PBY-4	28P3006	6
PBY-3	28P3006	6
PBY-2	28P2008	4
PBY-1	28P1008	4
PBY-5B	28P5005	4

12-4-36

± 1/64

NOTED	NOTED	125,000 P.S.I.	CADMIUM PLATE
NOTED	NOTED	125,000 P.S.I.	C

HENRY MILLER

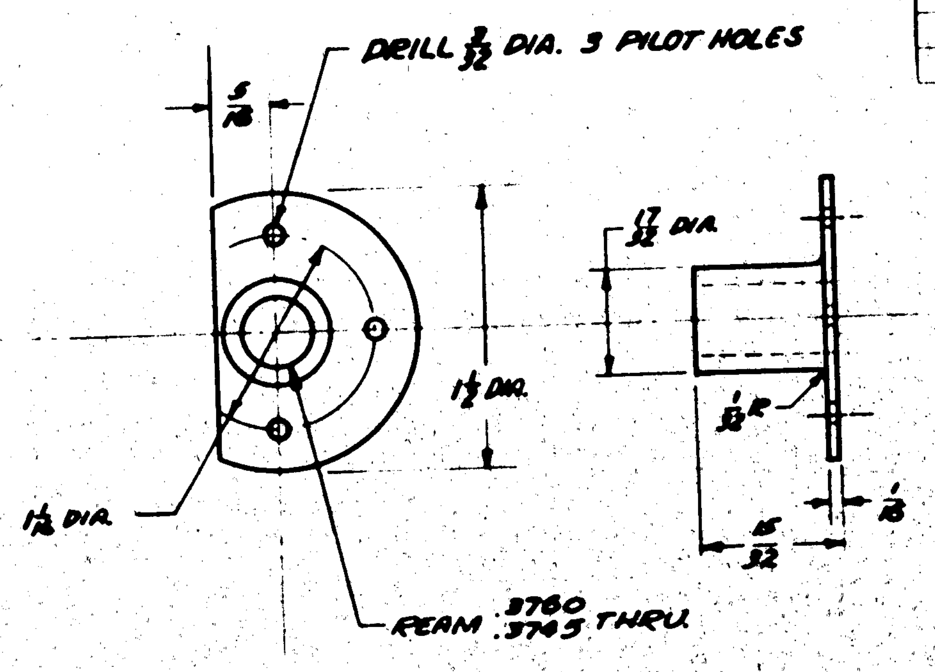
ENG. FILE

BOLT - ENGINE CONTROLS
SPECIAL SHOULDER

A 28P1221

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
C	TRACED	11-24-36	[illegible]
D	28F2136 WAS 28F1031		
	ADDED PBY-3 & PBY-4 REQ'M'TS	12-22-39	[illegible]



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

(D)

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-4	28F2136-30	
	PBY-3	28F2136-30	
	PBY-2	28F2136	
	XP3Y-1	28P162-1	
	XP3Y-1	28P162	
	PBY-1	28F1031	
	PBY-5B	28F5535	2

REQUIREMENTS PER AIRPLANE

ST'D PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.

MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED RCW — DATE 11-24-36

CALC. WT. .028 — ACT. WT.

SCALE FULL SIZE

AC

NAVY ALUM. ALLOY BAR — 46A9 COND. T — NONE — Z-P

MATERIAL	SPEC.	HEAT TREAT	FINISH
ALUM. ALLOY BAR	46A9 COND. T	NONE	Z-P

DRAFT	CHECK	EXAM.	ENG.
E.A. HENRY 5-28-36	12-4-36	MCLAB	

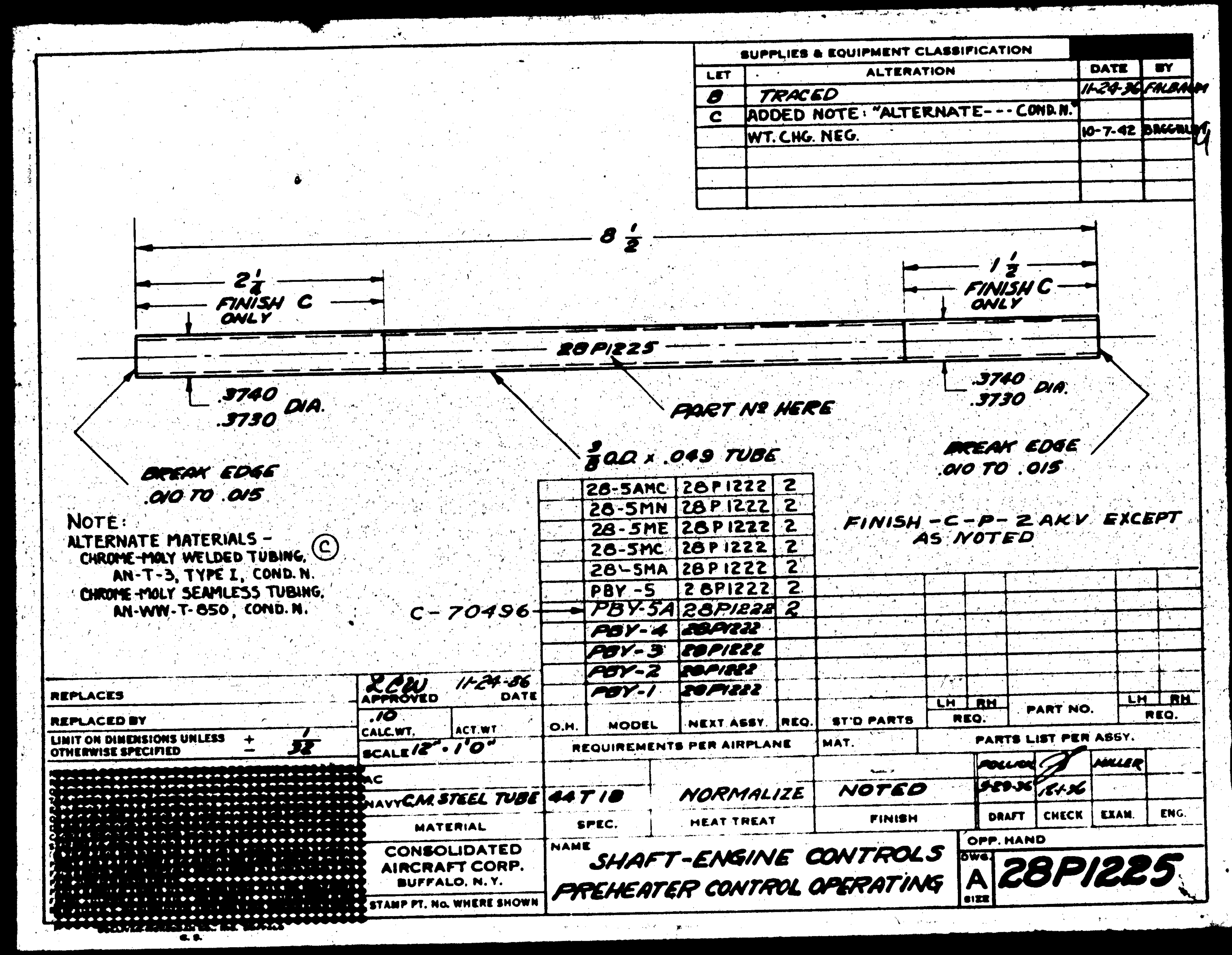
OPP. HAND

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME GUIDE - ENGINE CONTROLS PREHEATER CONTROL SHAFT

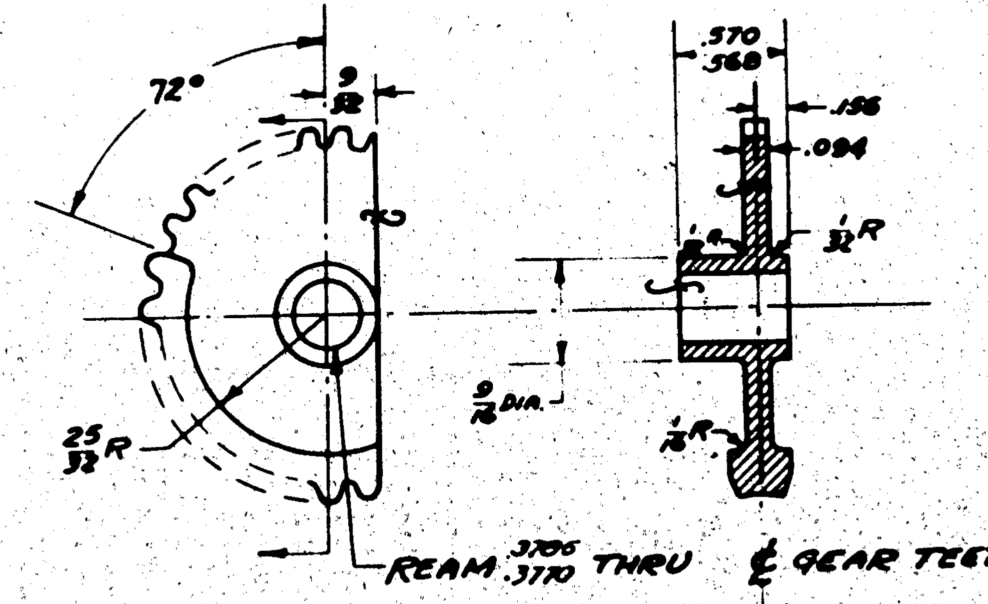
DWG. SIZE A — 28P1223



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
11-24-36
C
ADDED NOTE: "ALTERNATE--- COND.N."
WT. CHG. NEG.
10-7-42
8 1/2
2 1/4
FINISH C ONLY
1 1/2
FINISH C ONLY
28P1225
.3740
.3730 DIA.
PART Nº HERE
.3740
.3730 DIA.
3/8 O.D. x .049 TUBE
BREAK EDGE .010 TO .015
BREAK EDGE .010 TO .015
NOTE:
ALTERNATE MATERIALS - ©
CHROME-MOLY WELDED TUBING, AN-T-3, TYPE I, COND. N.
CHROME-MOLY SEAMLESS TUBING, AN-WW-T-850, COND. N.
FINISH -C-P-2 AKV EXCEPT AS NOTED
C-70496
28-5AMC 28P1222 2
28-5MN 28P1222 2
28-5ME 28P1222 2
28-5MC 28P1222 2
28-5MA 28P1222 2
PBY-5 28P1222 2
PBY-5A 28P1222 2
PBY-4 28P1222
PBY-3 28P1222
PBY-2 28P1222
PBY-1 28P1222
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
APPROVED 11-24-36 DATE
.10 CALC.WT.
ACT.WT
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
SCALE 12" = 1'0"
AC
NAVY C.M. STEEL TUBE
44T18
NORMALIZE
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
MILLER
9-29-36
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
SHAFT-ENGINE CONTROLS
PREHEATER CONTROL OPERATING
OPP. HAND
DWG. A SIZE
28P1225

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	11-25-36	[illegible]



MAKE FROM –
G1043 WORM GEAR
BOSTON GEAR CAT. #50, PAGE #89

C-70496 → PBY-5A 28P1228 2

MODEL	NEXT ASSY.	REQ.
PBY-5A	28P1228	2
PBY-4	28P1228	
PBY-3	28P1228	
PBY-2	28P1228	
PBY-1	28P1228	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010 & 1/2°

[redacted]

APPROVED LCW DATE 11-25-36

CALC. WT. .19 | ACT. WT.

SCALE FULL SIZE

O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

AC

NAVY NOTED

MATERIAL | SPEC. | HEAT TREAT | FINISH C-P

DRAFT G.A. HENRY 6-10-36 | CHECK [illegible] 12-1-36 | EXAM. MILLER | ENG.

OPP. HAND

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

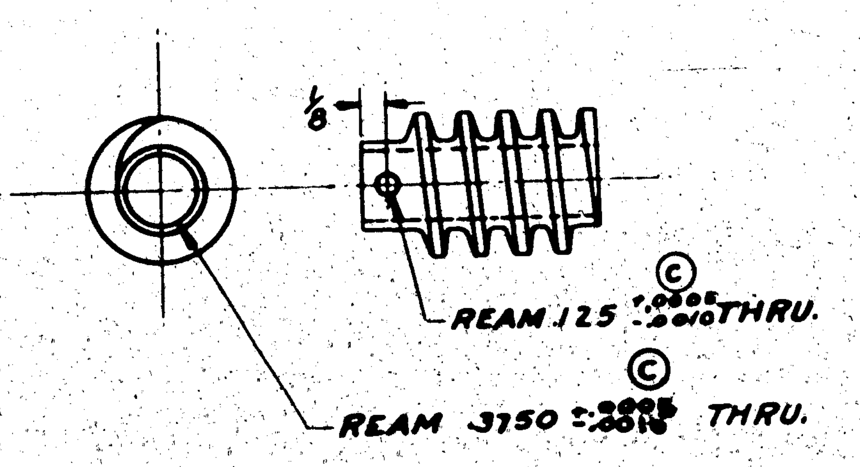
NAME GEAR-ENGINE CONTROLS PREHEATER CONTROL LEVER

DWG. SIZE A 28P1226

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED	11-25-36	LWS.
C	ADDED NEXT ASSY. PB2Y-3R 29P8034 (4) DIM. .125 +.0005 -.0010 WAS .125 +.000 -.001. DIM. .3750 +.0005 -.0010 WAS .3750 ±.0005 ACA	R-31	

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE



NOTE:
EXCEPT AS SHOWN SAME AS "H L V H." WORM
BOSTON GEAR CAT. #50 PAGE 69

	MODEL	NEXT ASSY.	REQ.
	PB2Y-3R	29P8034	4
	PB2Y-3	29F1823	1
C-70496 →	PBY-5A	28P1822	2
	XPB2Y-1	29P039	
	PBY-4	28P1222	
	PBY-3	28P1222	
	PBY-2	28P1222	
	PBY-1	28P1222	

O.H. | ST'D PARTS | REQ. LH RH | PART NO. | REQ. LH RH

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED LCW DATE 11-25-36

CALC. WT. .06 | ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY NOTED

MATERIAL | SPEC. | HEAT TREAT | FINISH C

DRAFT G.A. HENRY 6-2-36 | CHECK 12-1-36 | EXAM. Miller | ENG. R

OPP. HAND

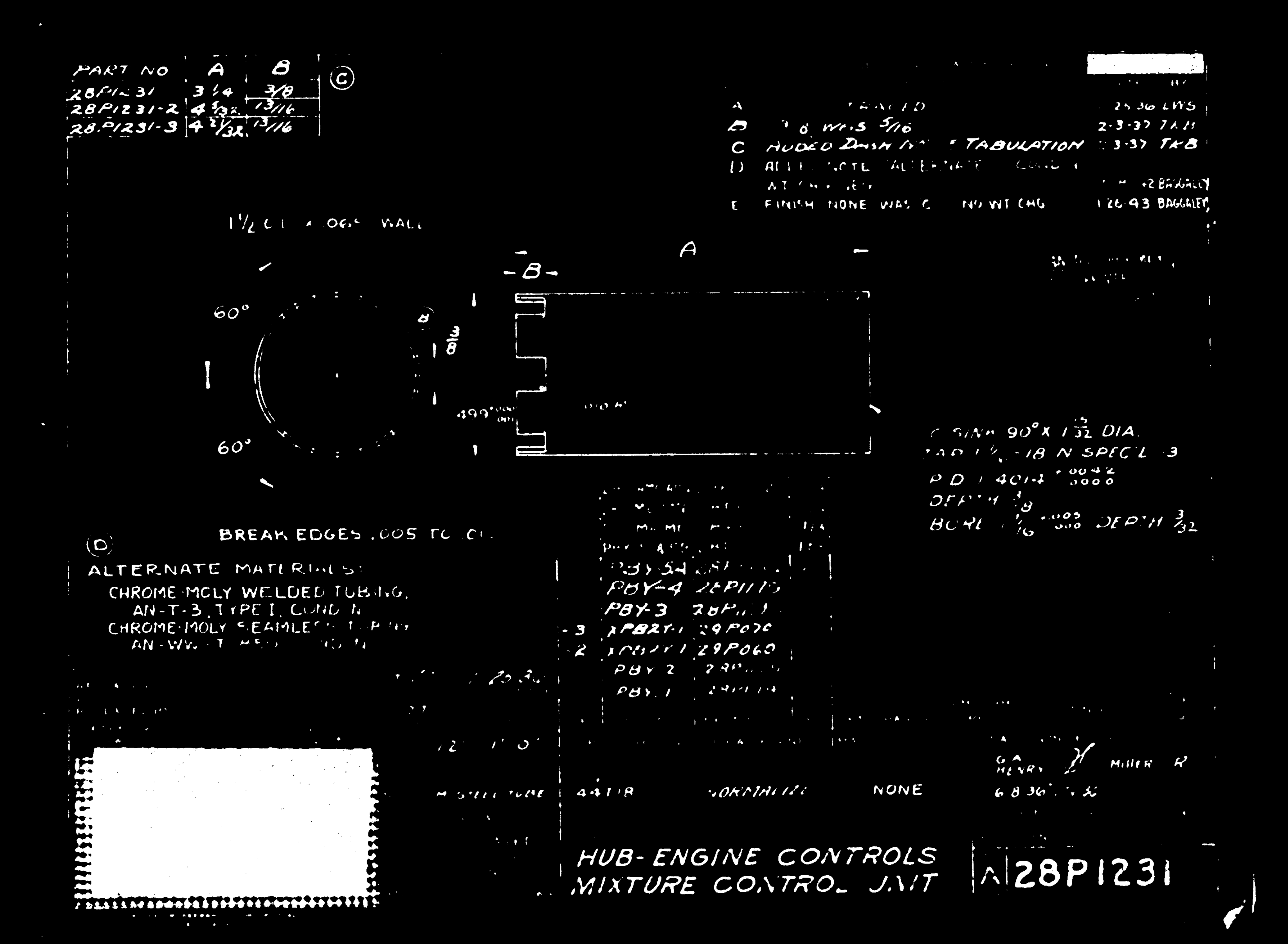
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

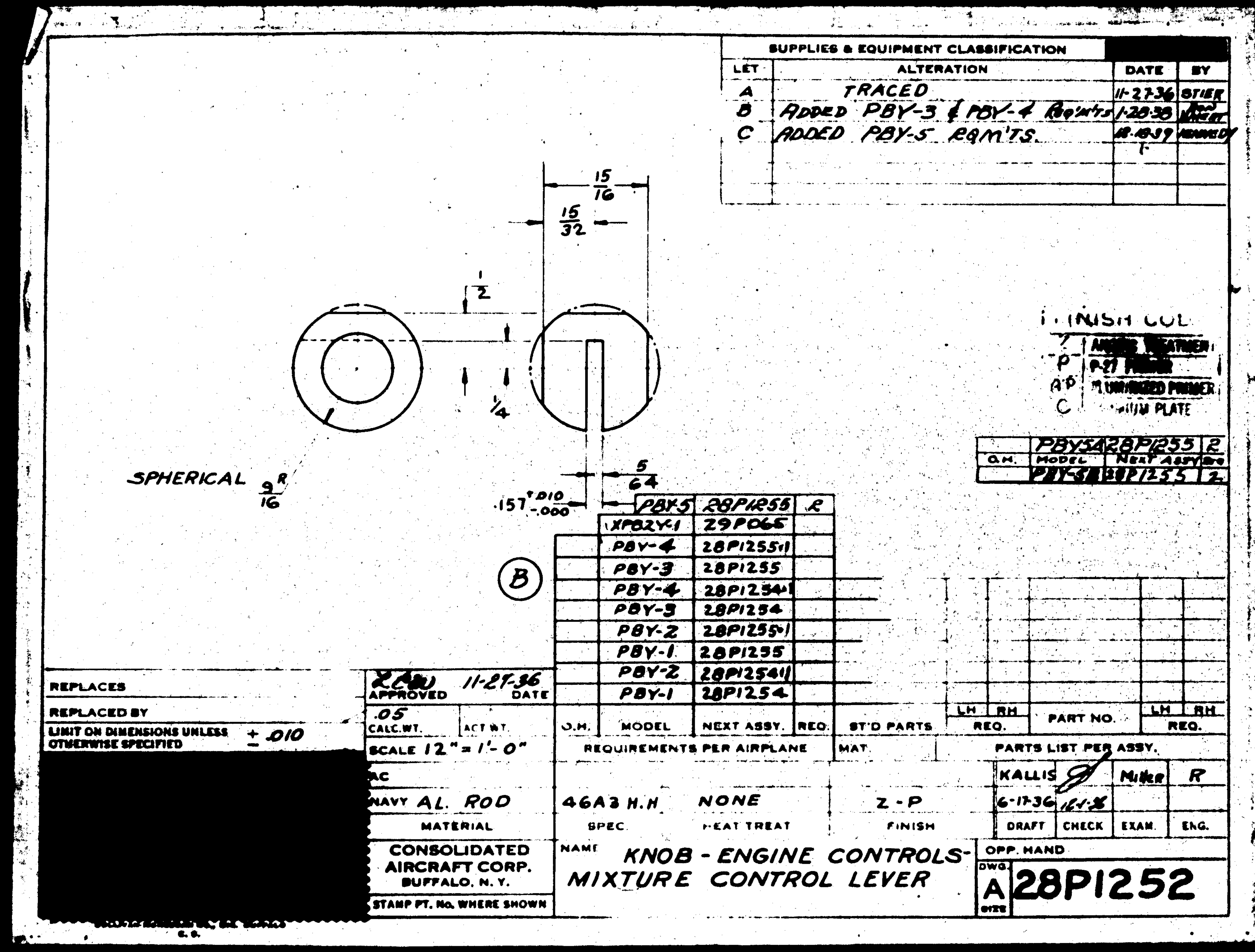
NAME WORM - ENGINE CONTROLS PREHEATER CONTROL

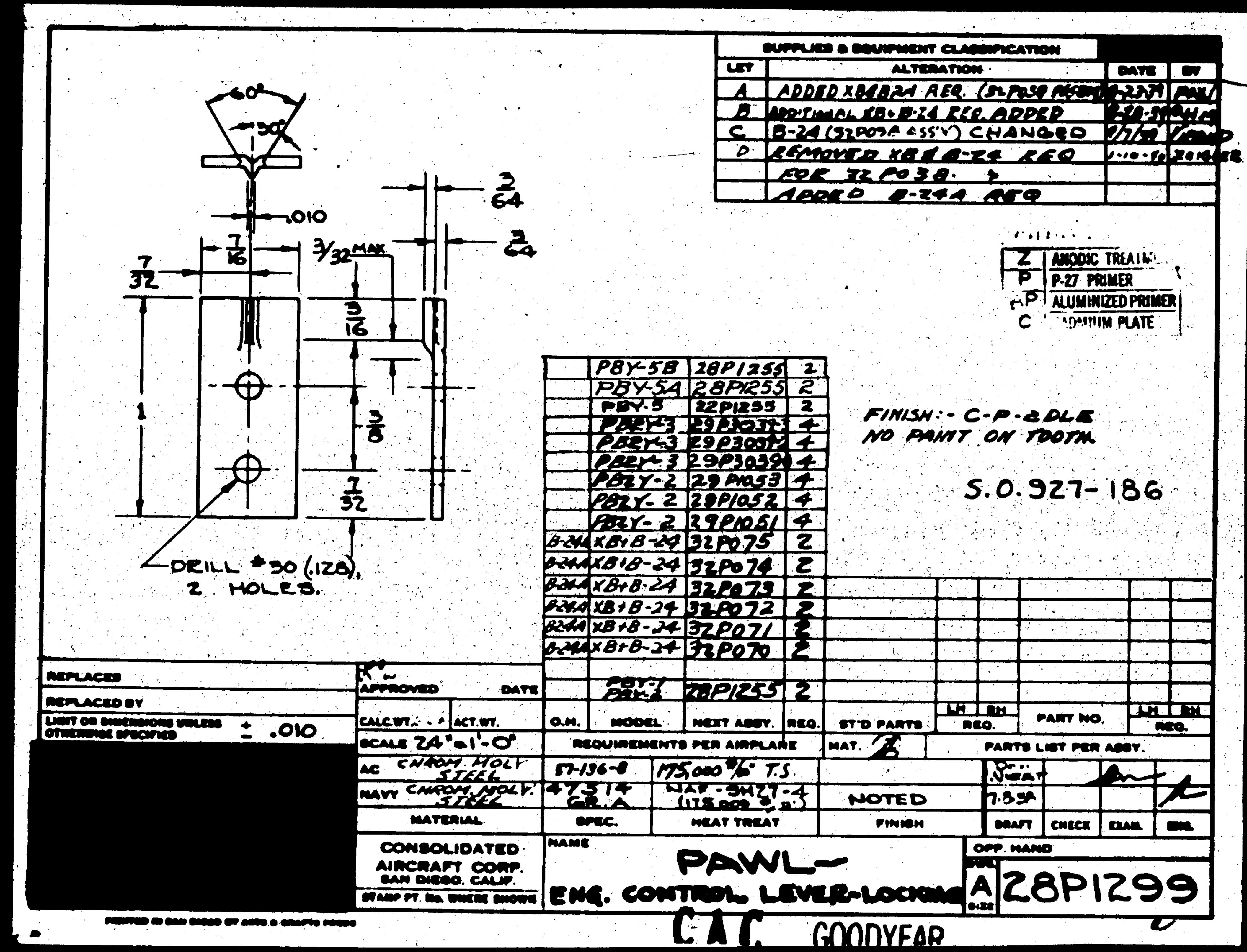
DWG. SIZE A 28P1227

DUGANNE-HOLLISTER CO. INC. BUFFALO
IMPERIAL TRACING CLOTH



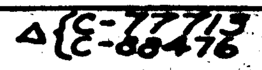
PART NO
A
B
28P1231-2
28P1231-3
C
TABULATION
FINISH NONE
A
-B-
60°
60°
3/8
C SINK 90° X 1 15/32 DIA.
DEPTH 3/8
BREAK EDGES .005 TO .01
D
ALTERNATE MATERIALS:
CHROME-MOLY WELDED TUBING,
AN-T-3, TYPE I
PBY-4
PBY-3
PBY-2
29P060
NONE
MILLER
HUB-ENGINE CONTROLS
MIXTURE CONTROL UNIT
A 28P1231


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 11-27-36 | STIER
B | ADDED PBY-3 & PBY-4 Req'mts | 1-28-38
C | ADDED PBY-5 RQM'TS. | 10-10-39
15/16
15/32
1/2
1/4
SPHERICAL 9/16 R
5/64
.157 +.010 -.000
B
FINISH COL
P-27 PRIMER
PLATE
PBY5A | 28P1255 | 2
O.M. | MODEL | NEXT ASSY | REQ
PBY-5A | 28P1255 | 2
PBY-5 | 28P1255 | R
XPB2Y-1 | 29P065
PBY-4 | 28P1255-1
PBY-3 | 28P1255
PBY-4 | 28P1254-1
PBY-3 | 28P1254
PBY-2 | 28P1255-1
PBY-1 | 28P1255
PBY-2 | 28P1254-1
PBY-1 | 28P1254
O.M. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED 11-29-36 DATE
.05 CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY AL. ROD
MATERIAL
46A3 H.H
SPEC.
NONE
HEAT TREAT
Z-P
FINISH
KALLIS 6-17-36
DRAFT
CHECK
Miller
EXAM.
R
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME KNOB - ENGINE CONTROLS - MIXTURE CONTROL LEVER
OPP. HAND
DWG. A SIZE 28P1252
[redacted]

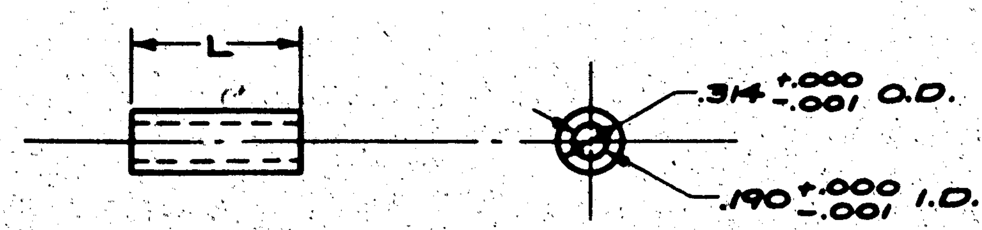


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ADDED XB&B24 REQ.
B
ADDITIONAL XB&B-24 REQ. ADDED
C
B-24 (32P038 ASS'Y) CHANGED
D
REMOVED XB & B-24 REQ
FOR 32P038
ADDED B-24A REQ
60°
30°
.010
2/64
7/16
7/32
3/32 MAX
3/64
3/16
1
3/8
7/32
DRILL #30 (.128), 2 HOLES.
Z
ANODIC TREAT
P
P-27 PRIMER
ALUMINIZED PRIMER
C
FINISH:- C-P-2DLE
NO PAINT ON TOOTH
S.O.927-186
PBY-5B
28P1255
2
PBY-5A
28P1255
2
PBY-5
22P1255
2
29P3039
4
PBY-2
29P1053
4
PBY-2
29P1052
4
PBY-2
29P1061
4
B-24A
XB+B-24
32P075
2
XB+B-24
32P074
2
XB+B-24
32P073
2
XB+B-24
32P072
2
XB+B-24
32P071
2
XB+B-24
32P070
2
28P1255
2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010
[redacted]
APPROVED
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 24" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
CHROM. MOLY STEEL
57-136-8
175,000 #/□" T.S.
NAVY
CHROM. MOLY. STEEL
47S14 GR. A
NAF-5H27-4
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO. CALIF.
STAMP PT. No. WHERE SHOWN
NAME
PAWL-
ENG. CONTROL LEVER-LOCKING
OPP. HAND
A
28P1299
CAC
GOODYEAR

DASH NO.	LENGTH "L"
-2	.625
-3	.875



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET.	ALTERATION	DATE	BY
A.	TRACED	1-13-38	WHEELER
B	ADDED XB-24, B-24 & B24A REQ.	10/10/39	ZIEGLER



MATERIAL-
SELF-LUBRICATING BRONZE.
MAY BE PURCHASED FROM-
CHRYSLER CORP. AMPLEX DIVISION
8021 CONANT ROAD, DETROIT, MICH.

O.H.	MODEL	NEXT ASSY.	REQ.	O.H.	MODEL	NEXT ASSY.	REQ.
-3	PB2Y-2	28P5027	4				
-2	PB2Y-2	29P1009	4				
-3	XPB2Y-1	29P029		-3	PBY-5B	[illegible]	[illegible]
-3	XPB2Y-1	29P028		-3	PBY-5B	28P5026	2
-2	XPB2Y-1	29P002		-3	PBY-5A	28P5028	2
-3	PBY-4	28P3026		-3	PBY-5A	28P5026	2
-3	PBY-4	28P3025		-3	PBY-5A	28P5152	2
-2	PBY-4	28P3001		-2	PBY-5A	28P5109	2
-3	PBY-3	28P3026		-3	[illegible]	32P1018	4
-3	PBY-3	28P3025		-3	PBY-5	28P5026	2
-2	PBY-3	28P3001		-3	PBY-5	28P5028	2
-3	PBY-2	28P2066		-3	B-24A	32P018	4
-3	PBY-2	28P2065		-3	B-24	32P018	4
-2	PBY-2	28P2001		-3	XB-24	32P018	4
REQUIREMENTS PER AIRPLANE				REQUIREMENTS PER AIRPLANE			

}33SHIPS

}Δ

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .005

[redacted]

[redacted] 2-26-37 APPROVED DATE

CALC. WT. -2 .0015 -3 .0019 | ACT. WT.

SCALE 12" = 1'-0"

	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC	NOTED		NONE	NONE	2-26-37	POLLICK	O.W.H.	
NAVY	NOTED		NONE	NONE	WARD	2-26-37	H.W.H.	R.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

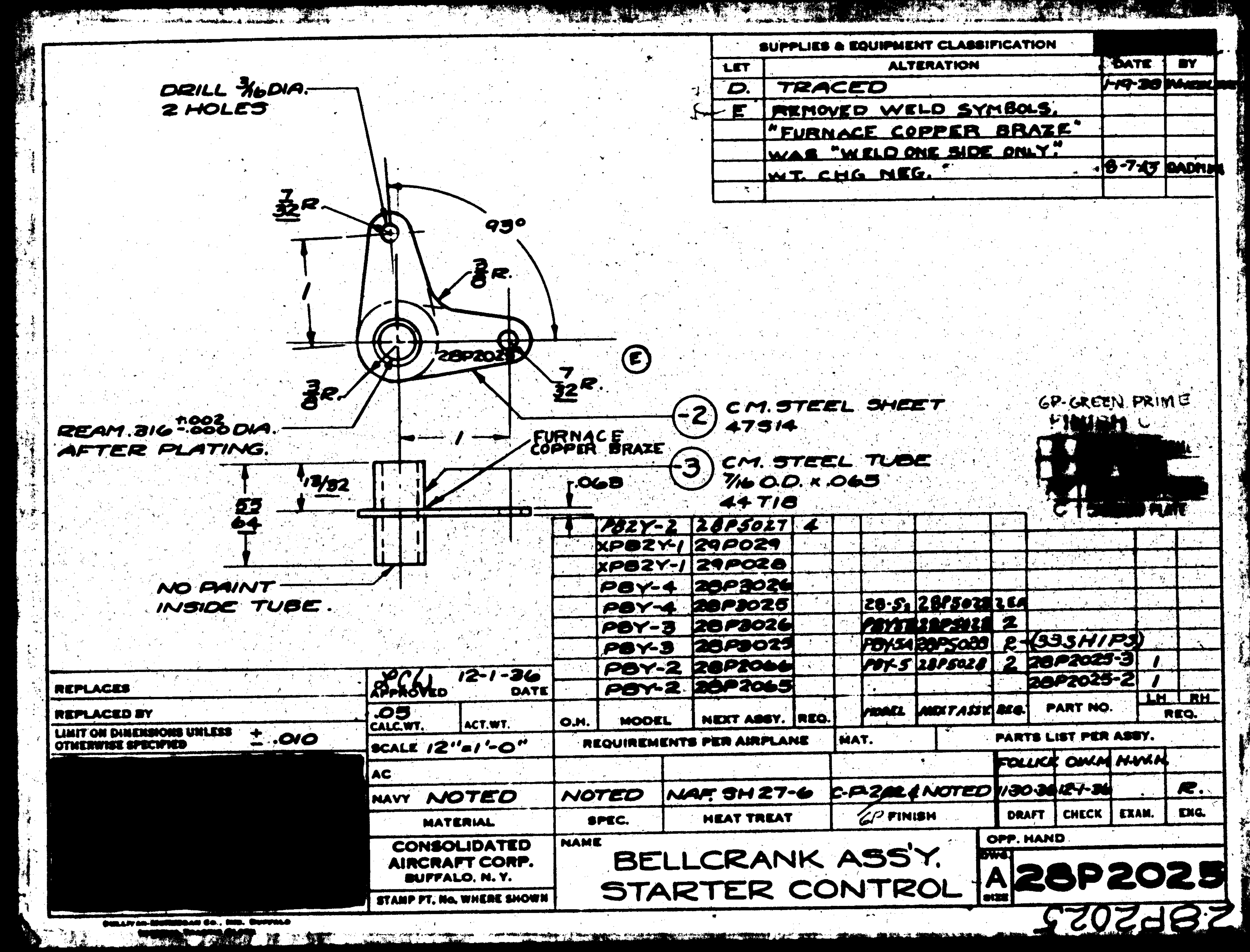
STAMP PT. No. WHERE SHOWN

NAME BUSHING-
ENGINE STARTER CONTROL

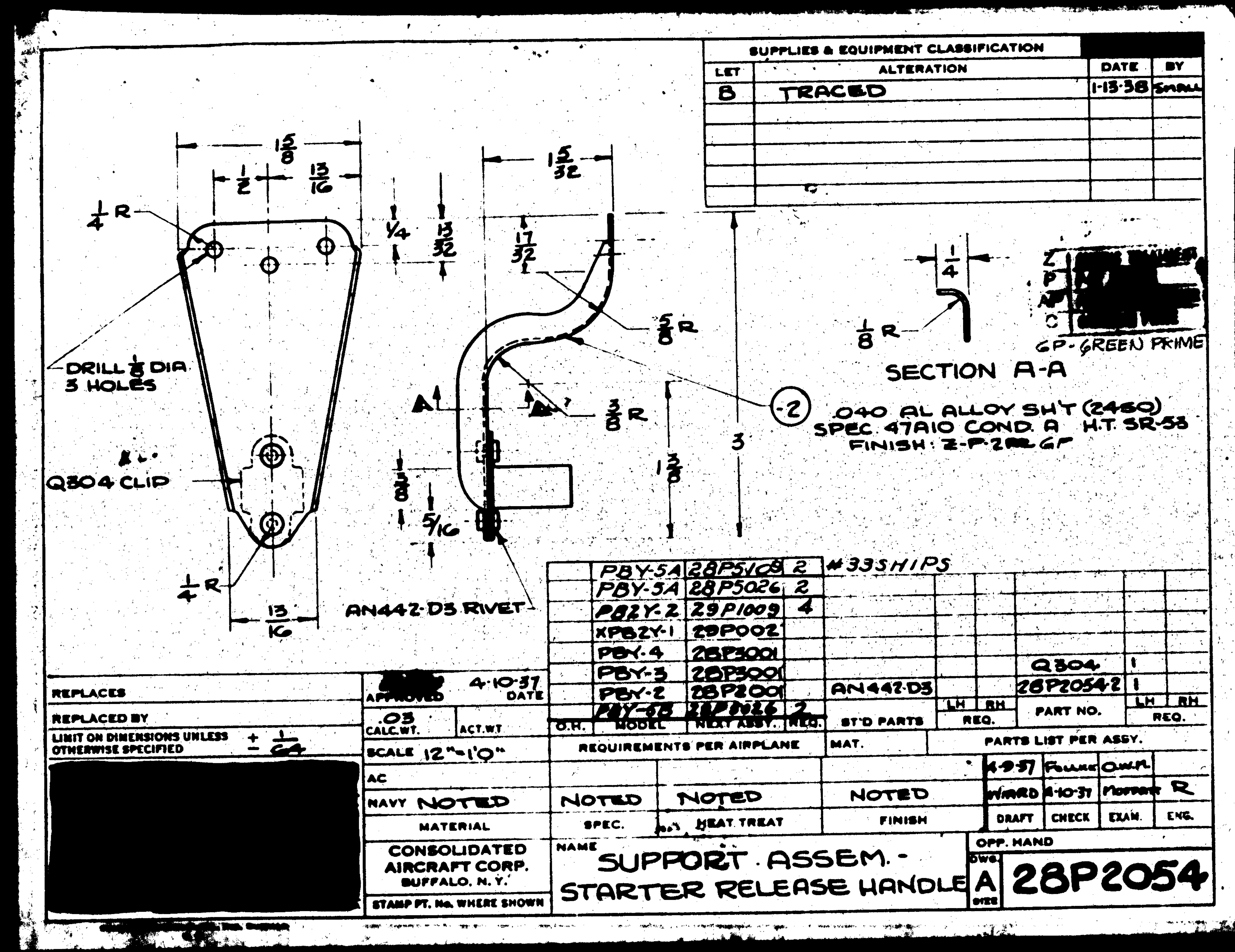
OPP. HAND

DWG. SIZE A 28P2019

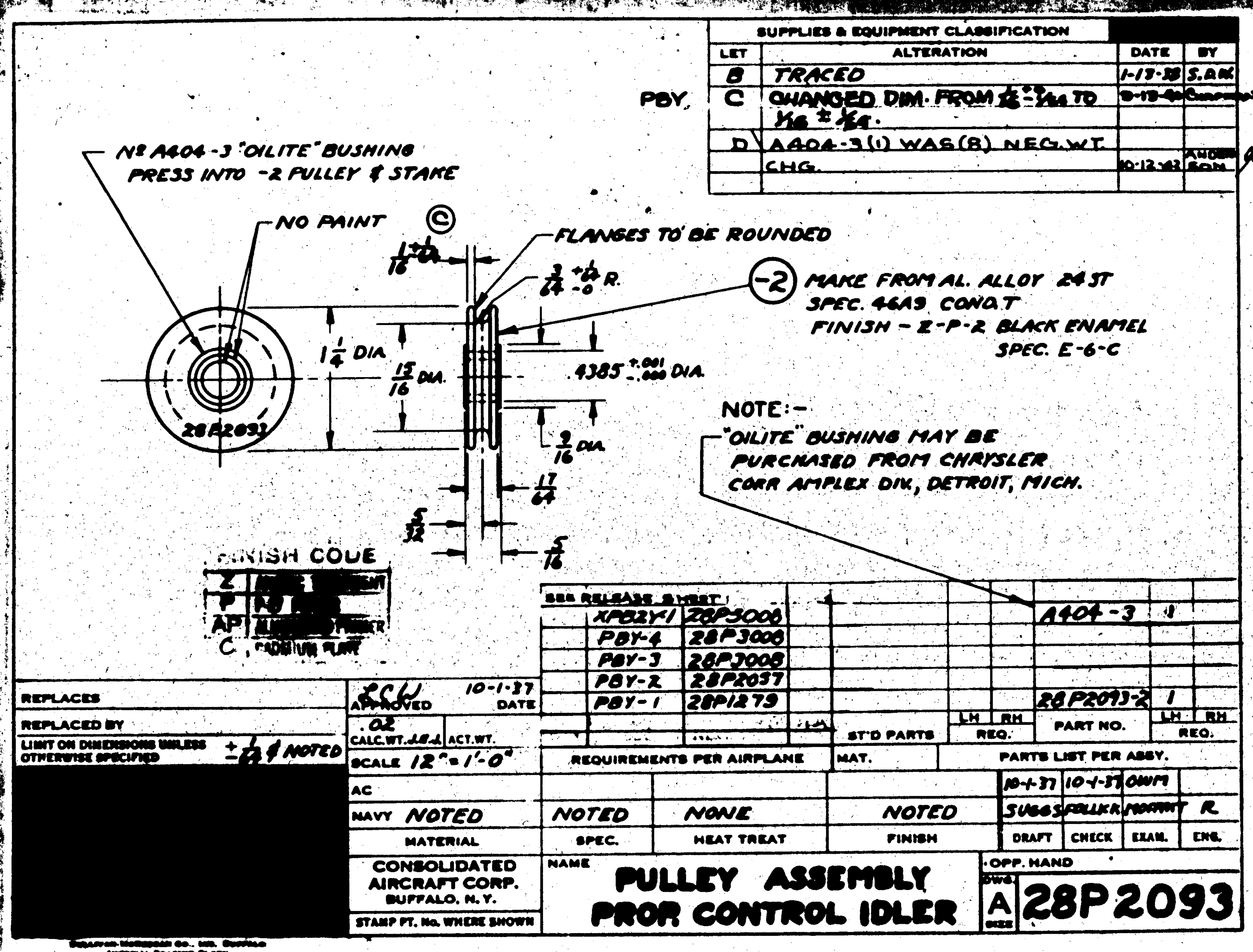
CHECKED BY [illegible] DATE [illegible]



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
D. TRACED 1-19-38
E REMOVED WELD SYMBOLS, "FURNACE COPPER BRAZE" WAS "WELD ONE SIDE ONLY." WT. CHG NEG. 8-7-?
DRILL 3/16 DIA. 2 HOLES
7/32 R.
95°
3/8 R.
1
28P2025
E
3/8 R.
7/32 R.
REAM .316 +.002 -.000 DIA. AFTER PLATING.
-2 CM. STEEL SHEET 47514
1
FURNACE COPPER BRAZE
-3 CM. STEEL TUBE 7/16 O.D. x .065 44T18
13/32
55/64
.068
NO PAINT INSIDE TUBE.
GP-GREEN PRIME
[redacted]
PBZY-2 28P5027 4
XPBZY-1 29P029
XPBZY-1 29P028
PBY-4 28P3026
PBY-4 28P3025
PBY-3 28P3026
PBY-3 28P3025
PBY-2 28P2066
PBY-2 28P2065
28-S1 28P5028 2 EA
2
PBY-5A 28P5028 2 (33 SHIPS)
PBY-5 28P5028 2 28P2025-3 1
28P2025-2 1
O.H. MODEL NEXT ASSY. REQ. MODEL NEXT ASSY. REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE MAT. PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
[redacted]
APPROVED 12-1-36 DATE
.05 CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED
MATERIAL
NOTED SPEC.
NAF SH 27-6 HEAT TREAT
C-P-2 & NOTED GP FINISH
POLLICK 11-30-36 DRAFT
OWM 12-1-36 CHECK
H.W.H. EXAM.
R. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME BELLCRANK ASS'Y. STARTER CONTROL
OPP. HAND
DWG A SIZE 28P2025
28P2025



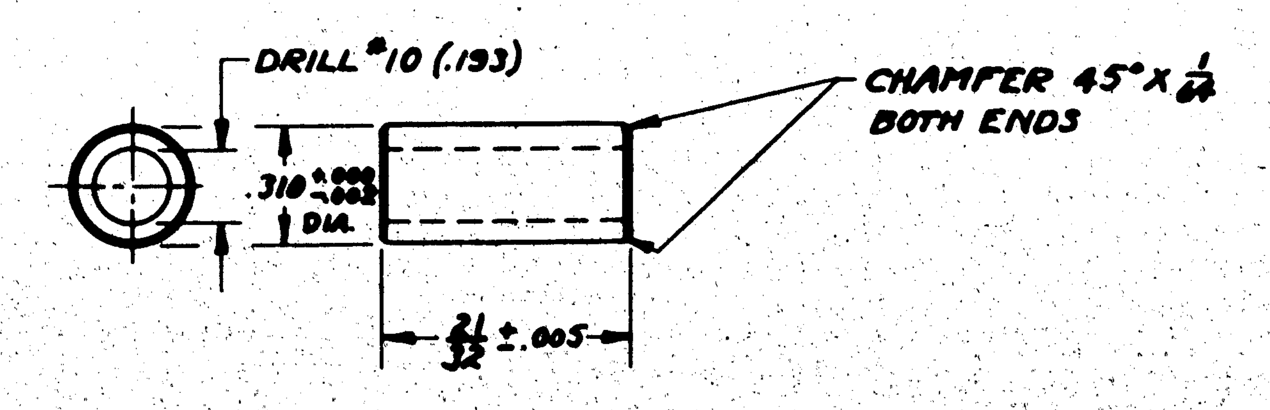
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
1-13-38
1 5/8
1/2
13/16
1/4 R
1/4
13/32
1 5/32
17/32
5/8 R
1/4
1/8 R
SECTION A-A
GP-GREEN PRIME
DRILL 1/8 DIA 3 HOLES
A
A
3/8 R
-2
.040 AL ALLOY SH'T (24SO)
SPEC. 47A10 COND. A H.T. SR-53
FINISH: Z-P-2 GP
3
1 3/8
Q304 CLIP
3/8
5/16
1/4 R
13/16
AN442-D3 RIVET
PBY-5A 28P5108 2
#33 SHIPS
PBY-5A 28P5026 2
PB2Y-2 29P1009 4
XPB2Y-1 29P002
PBY-4 28P3001
PBY-3 28P3001
PBY-2 28P2001
PBY-5B 28P5026 2
Q304 1
AN442-D3
28P2054-2 1
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REPLACES
REPLACED BY
[redacted]
APPROVED
4-10-37
DATE
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
.03
CALC. WT.
ACT. WT
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
SCALE 12"=1'0"
[redacted]
AC
4-9-37
NAVY NOTED
NOTED
NOTED
NOTED
4-10-37
R
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
NAME
SUPPORT ASSEM. -
STARTER RELEASE HANDLE
OPP. HAND
DWG. SIZE A
28P2054
STAMP PT. No. WHERE SHOWN



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED | 1-13-38 | S.A.K.
PBY. C | CHANGED DIM. FROM ... TO ...
D | A404-3 (1) WAS (8) NEG. WT. CHG. | 10-12-42
Nº A404-3 "OILITE" BUSHING PRESS INTO -2 PULLEY & STAKE
NO PAINT
FLANGES TO BE ROUNDED
-2 MAKE FROM AL. ALLOY 24 ST SPEC. 46A9 COND. T FINISH - Z-P-2 BLACK ENAMEL SPEC. E-6-C
1 1/4 DIA
15/16 DIA.
.4385 +.001 -.000 DIA.
9/16 DIA
17/64
5/32
5/16
3/64 R.
28P2093
NOTE:- "OILITE" BUSHING MAY BE PURCHASED FROM CHRYSLER CORP. AMPLEX DIV., DETROIT, MICH.
FINISH CODE
SEE RELEASE SHEET
XPB2Y-1 28P3008
PBY-4 28P3008
PBY-3 28P3008
PBY-2 28P2037
PBY-1 28P1279
A404-3
28P2093-2 1
ST'D PARTS
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64 & NOTED
APPROVED 10-1-37 DATE
CALC. WT. .02
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED
MATERIAL
NOTED SPEC.
NONE HEAT TREAT
NOTED FINISH
10-1-37 10-1-37
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME PULLEY ASSEMBLY PROP. CONTROL IDLER
OPP. HAND
DWG. A SIZE 28P2093

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED	1-14-38	S.R.W.
C	W.B/O, REPLACED "CHR. NICKEL ST'L.CORR. RESIST., 46S18 GR.7E" WITH "NOTED."		
	ADDED MAT'L. NOTE. NO WT. CHG.	9-17-43	B.L.M.



NOTE -

MAT'L. MAY BE -

(A.) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR

(B.) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5'S	28P5005	2 EA.
	PBY-5	28P5005	2
	PBY-5A	28P5005	2
	XPB2Y-1	28P3008	
	PBY-4	28P3008	
	PBY-3	28P3008	
	PBY-2	28P2057	
	PBY-1	28P1279	
	PBY-5B	28P5005	2

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± NOTED

APPROVED R.C.W. — DATE 10-1-37

CALC. WT. .01- J.B.J. — ACT. WT.

SCALE 24" = 1'-0"

AC

NAVY NOTED

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY NOTED	NOTED	NONE	NONE	SUGGS 10-1-37	FOLLICK 10-1-37	MOFFITT O.W.M.	R

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

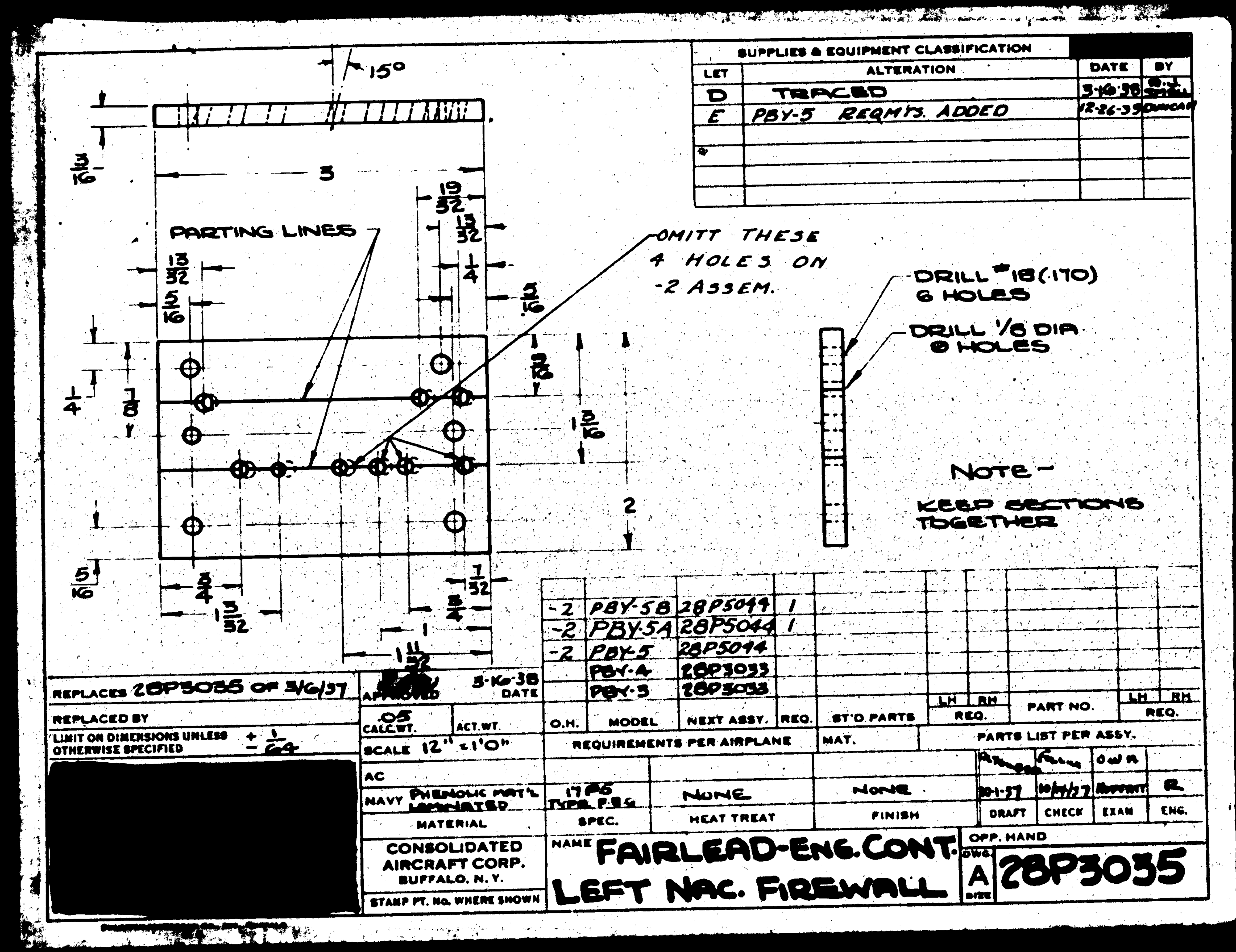
STAMP PT. No. WHERE SHOWN

NAME SPACER - CABLE PULLEY - SPECIAL

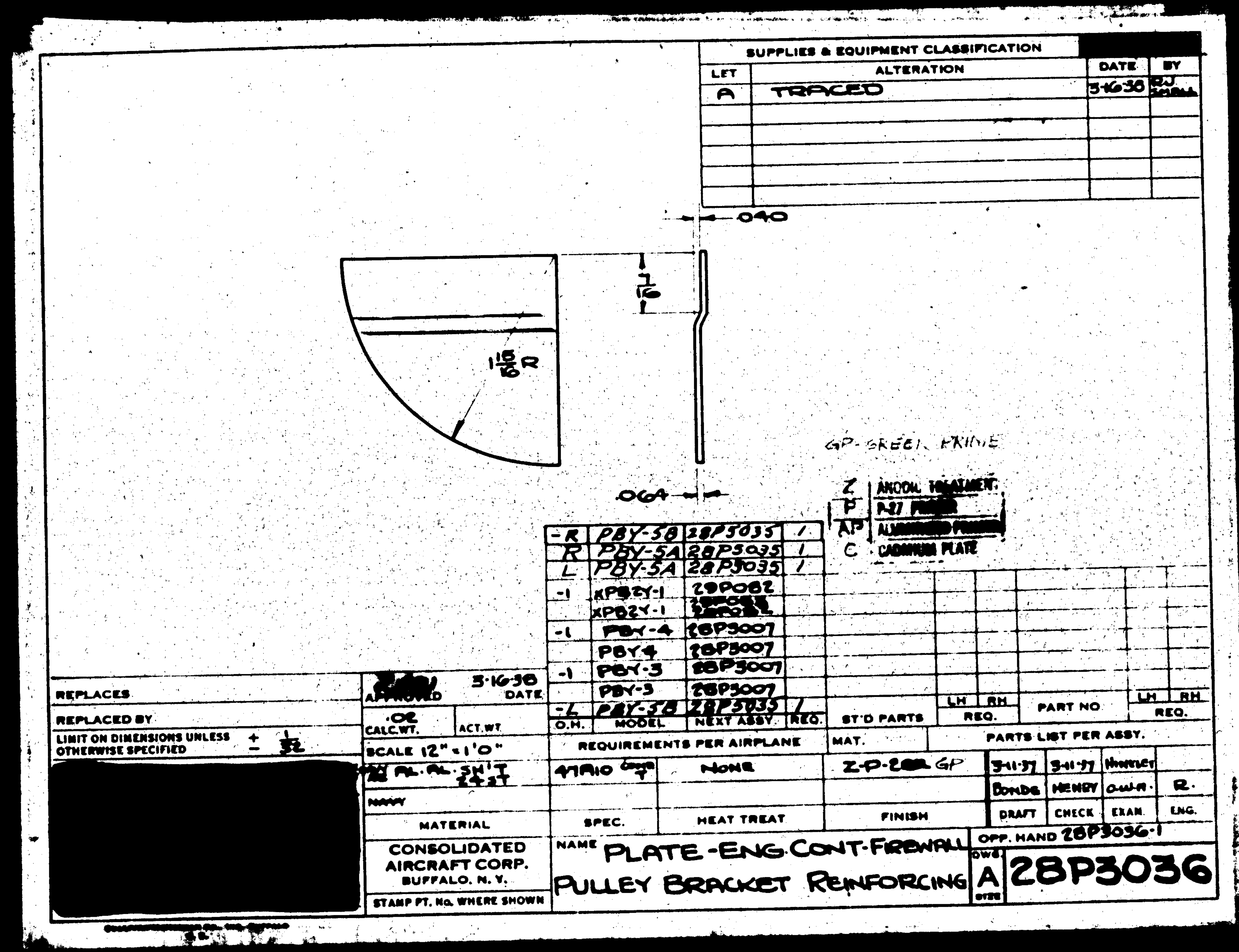
OPP. HAND

DWG. SIZE A 28P2094

28P2094



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
D
TRACED
3-16-38
E
PBY-5 REQM'TS. ADDED
12-26-39
DUNCAN
15°
3
3/16
19/32
13/32
1/4
5/16
PARTING LINES
13/32
5/16
OMITT THESE 4 HOLES ON -2 ASSEM.
DRILL #18 (.170) 6 HOLES
DRILL 1/8 DIA 8 HOLES
1 3/16
2
1/4
7/8
5/16
3/4
1 13/32
7/32
3/4
1
1 11/32
NOTE - KEEP SECTIONS TOGETHER
-2
PBY-5B
28P5044
1
-2
PBY-5A
28P5044
1
-2
PBY-5
28P5044
PBY-4
28P3033
PBY-3
28P3033
REPLACES 28P3035 OF 3/6/37
APPROVED
3-16-38
DATE
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
.05
CALC. WT.
ACT. WT.
SCALE 12" = 1'0"
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
PHENOLIC MAT'L LAMINATED
17P6 TYPE F.B.G.
NONE
NONE
10-1-37
10-14-37
R
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME FAIRLEAD-ENG. CONT. LEFT NAC. FIREWALL
OPP. HAND
DWG. SIZE A
28P3035
[redacted]

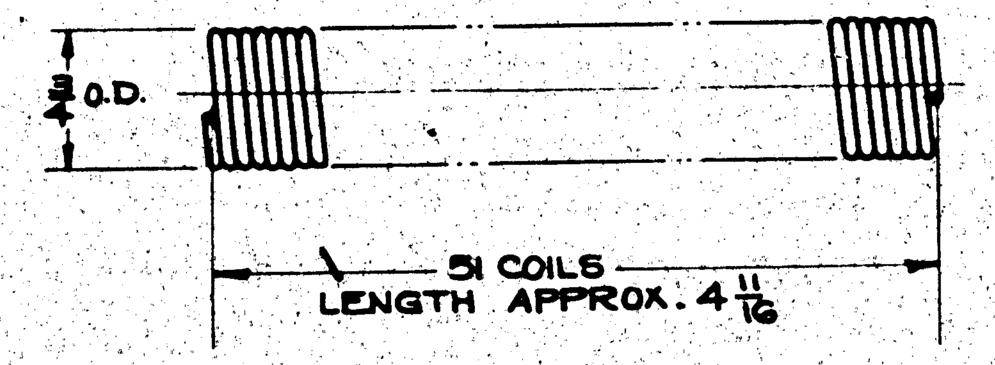

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
3-16-38
.040
7/16
1 15/16 R
.064
GP-GREEN PRIME
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
-R PBY-5B 28P5035 1
R PBY-5A 28P5035 1
L PBY-5A 28P5035 1
-1 XPB2Y-1 29P082
XPB2Y-1
-1 PBY-4 28P3007
PBY4 28P3007
-1 PBY-3 28P3007
PBY-3 28P3007
-L PBY-5B 28P5035 1
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
APPROVED
3-16-38
DATE
REPLACED BY
.02
CALC. WT.
ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
SCALE 12" = 1'0"
[redacted]
AL. AL. SH'T 24ST
47A10
NONE
Z-P-2 GP
3-11-37
3-11-37
BONDE
HENRY
DRAFT
CHECK
EXAM.
ENG.
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
OPP. HAND 28P3036-1
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME PLATE-ENG. CONT. FIREWALL PULLEY BRACKET REINFORCING
DWG SIZE A
28P3036

[redacted]

[redacted]

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D



INSP. CODE
[redacted]
C

PBY5B	28P1290	2					
PBY5A	28P1290	2					
XPB2Y-1	28P1290						
PBY-4	28P1290						
PBY-3	28P1290						
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			

NAVY APPROVED RCW DATE 3-16-38

CALC. WT. .21 | ACT. WT.

SCALE 12" = 1'-0"

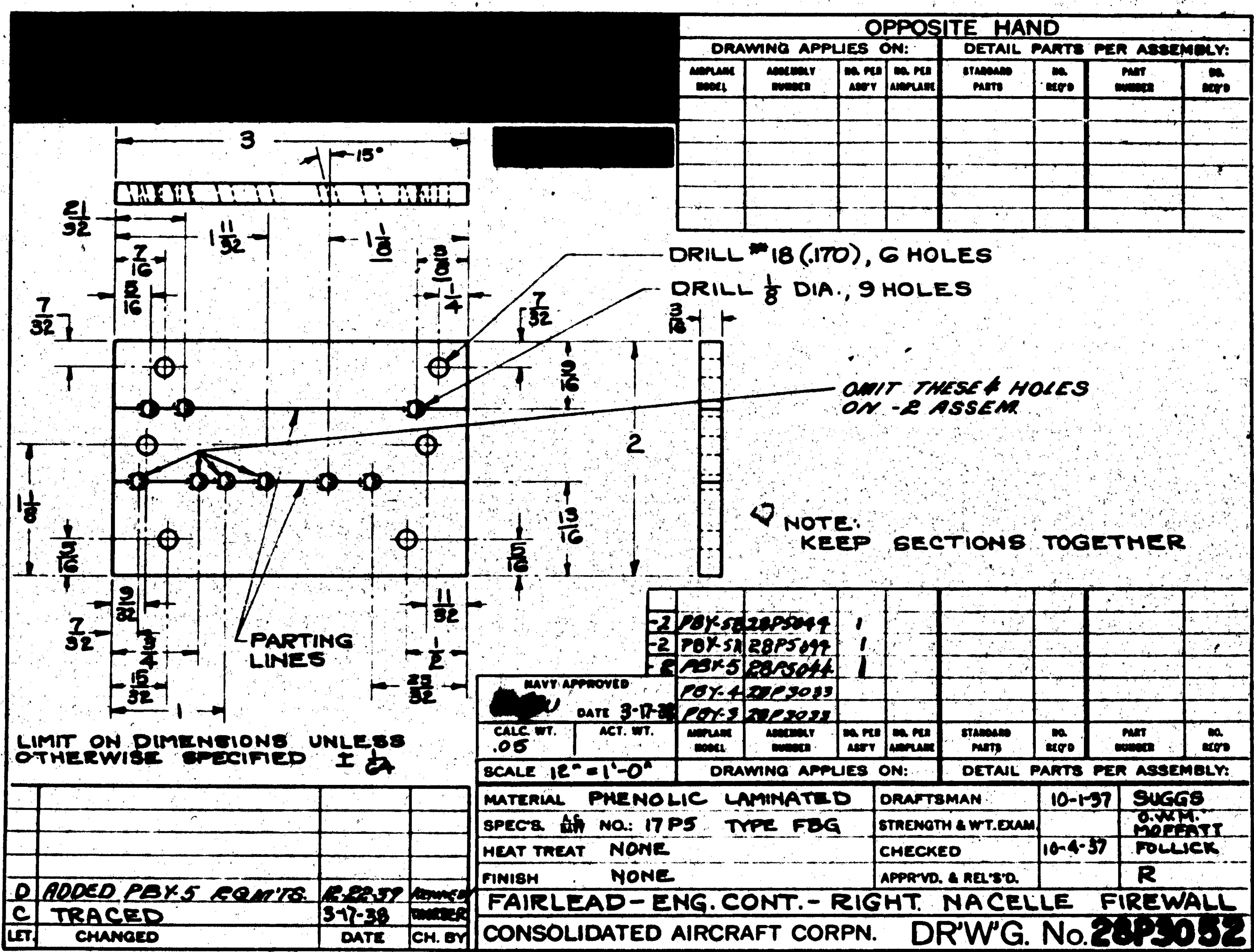
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

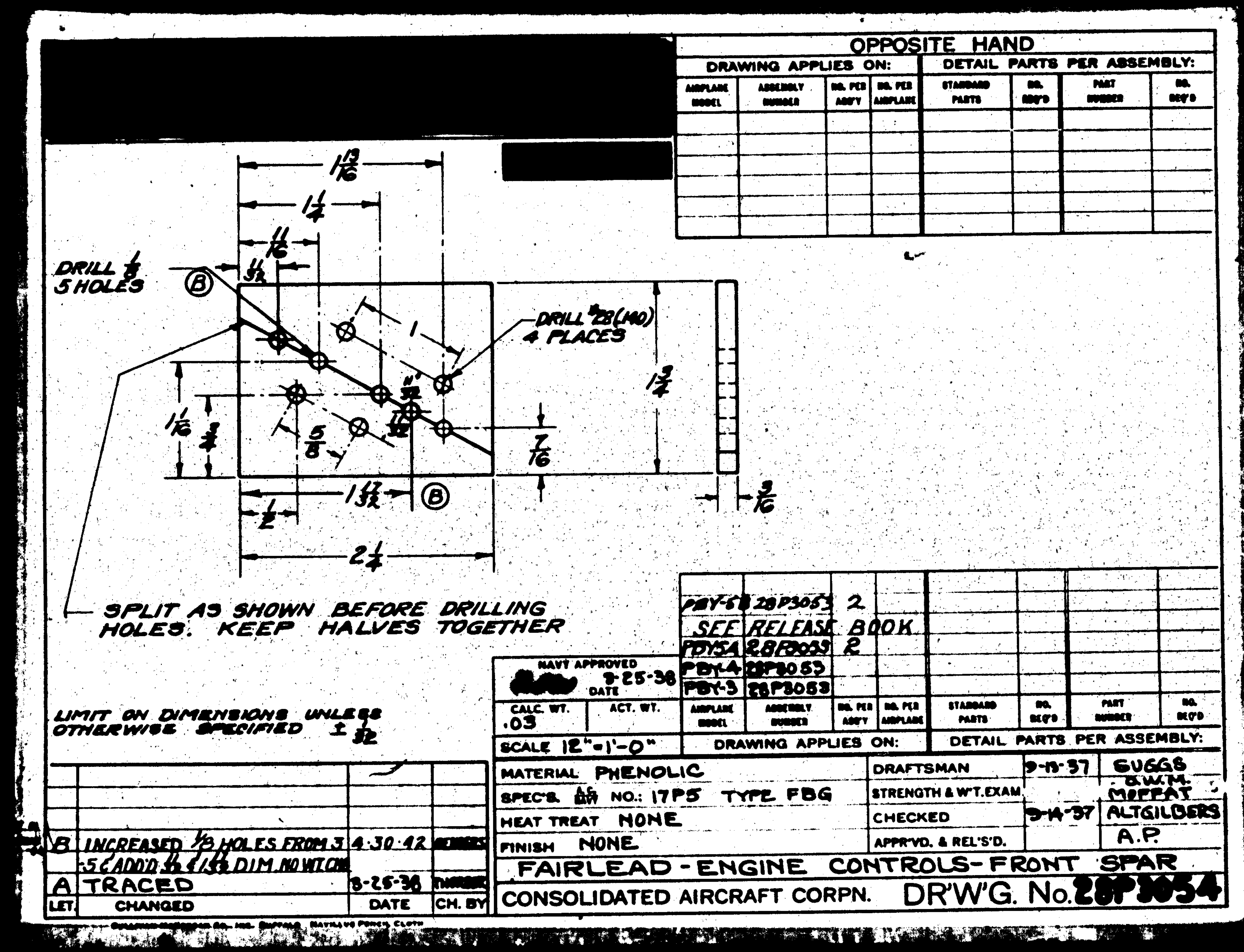
A	TRACED	3-16-38	[illegible]
LET.	CHANGED	DATE	CH. BY

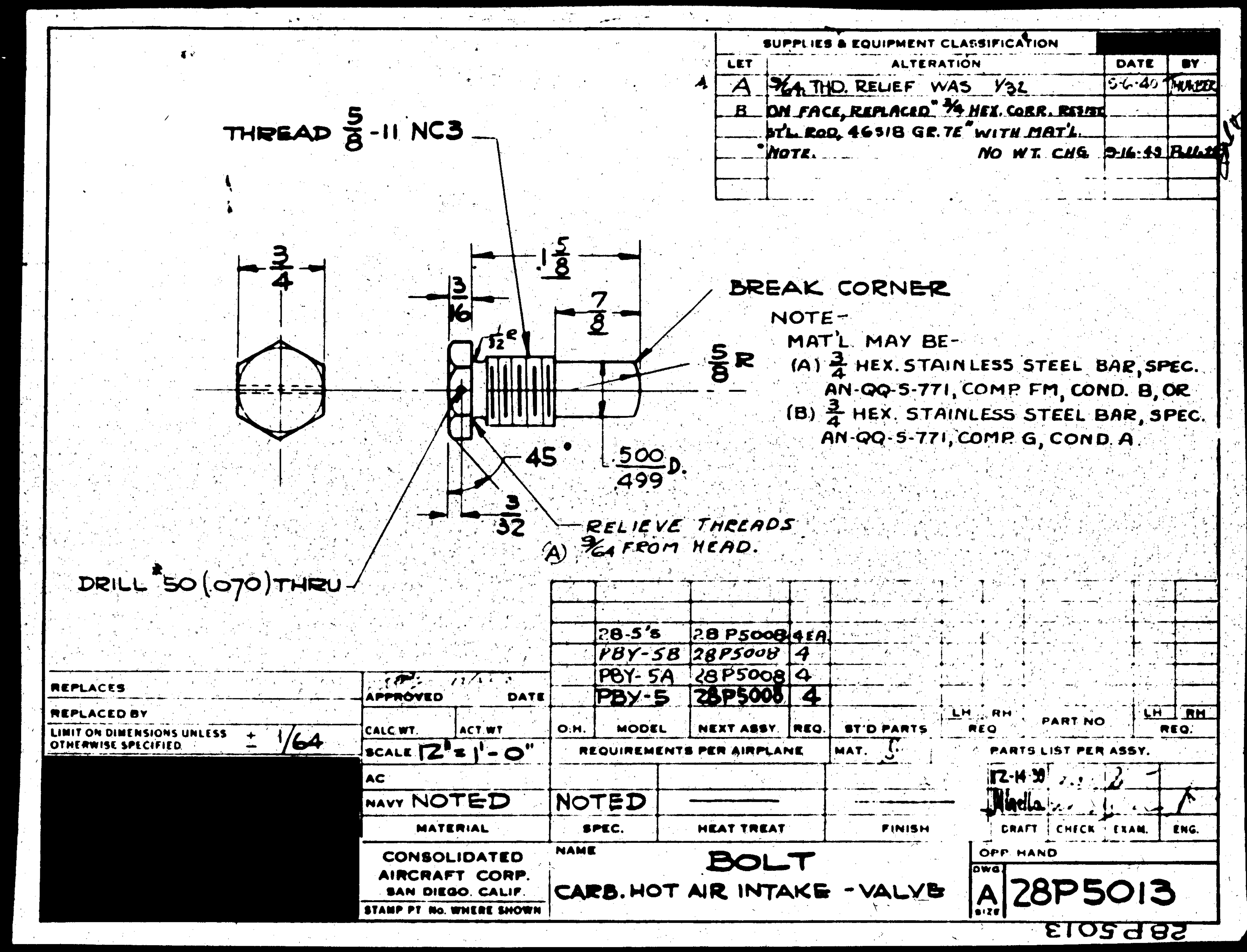
MATERIAL .091 MUSIC WIRE	DRAFTSMAN	7-7-37	WIARD
SPEC'S. AC/NAV NO.: 22W11	STRENGTH & W'T. EXAM.		G.W.M. MOFFATT
HEAT TREAT NONE	CHECKED	7-8-37	MACDONALD
FINISH C & BAKE	APPR'VD. & REL'S'D.		R.

SPRING - COWL FLAP RETURN

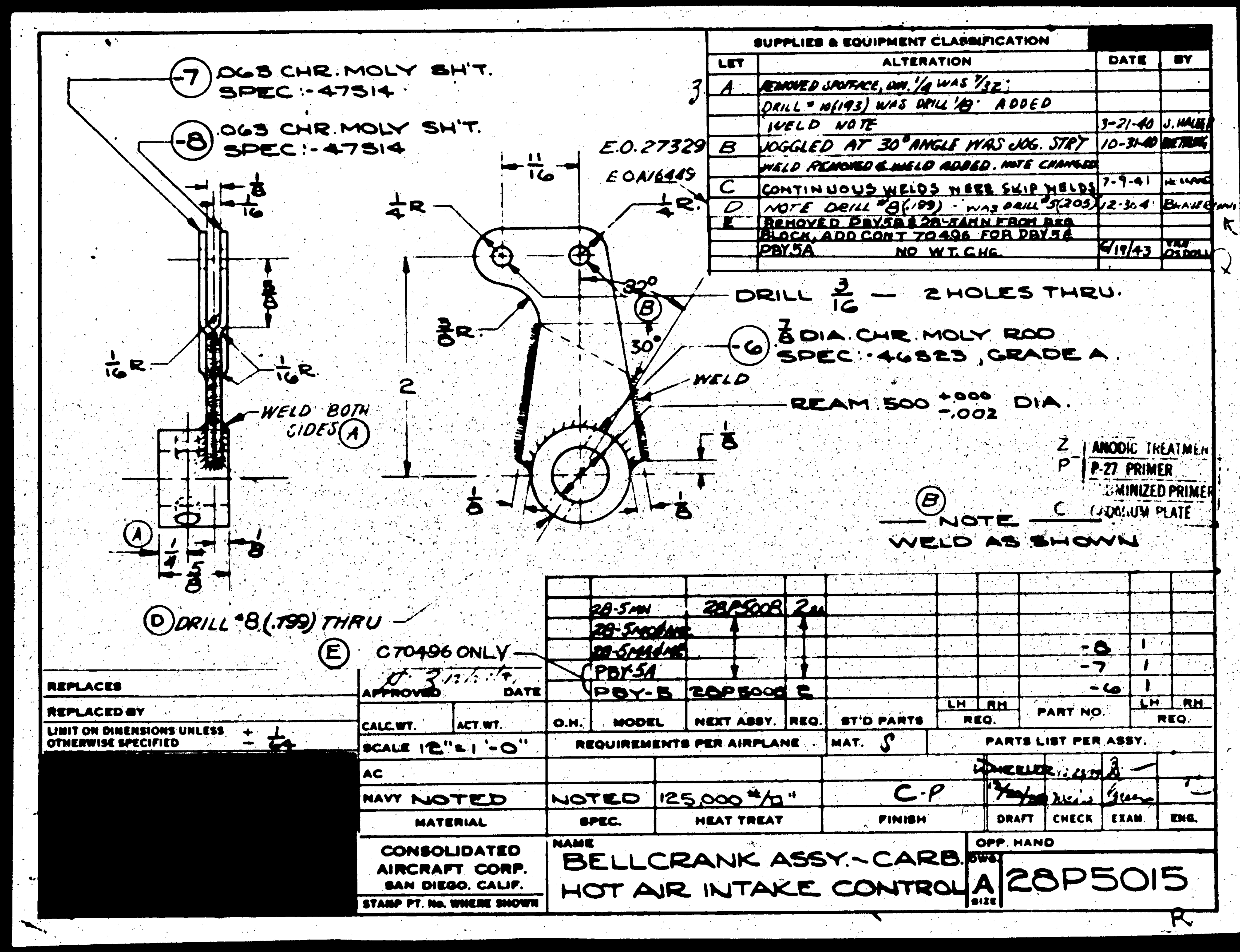
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 28P3049


[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
[redacted]
3
15°
DRILL #18 (.170), 6 HOLES
DRILL 1/8 DIA., 9 HOLES
OMIT THESE 4 HOLES ON -2 ASSEM.
2
NOTE: KEEP SECTIONS TOGETHER
PARTING LINES
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
-2 PBY-5B 28P5044 1
-2 PBY-5A 28P5044 1
-2 PBY-5 28P5044 1
PBY-4 28P3033
PBY-3 28P3033
NAVY APPROVED
DATE 3-17-38
CALC. WT. .05
ACT. WT.
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
SCALE 12" = 1'-0"
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
MATERIAL PHENOLIC LAMINATED
SPEC'S. AC NO.: 17P5 TYPE FBG
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN 10-1-37 SUGGS
STRENGTH & W'T. EXAM. O.W.M. MOFFATT
CHECKED 10-4-37 FOLLICK
APPR'VD. & REL'S'D. R
D ADDED PBY-5 RQM'TS. 12-22-39
C TRACED 3-17-38
LET. CHANGED DATE CH. BY
FAIRLEAD - ENG. CONT. - RIGHT NACELLE FIREWALL
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 28P3052

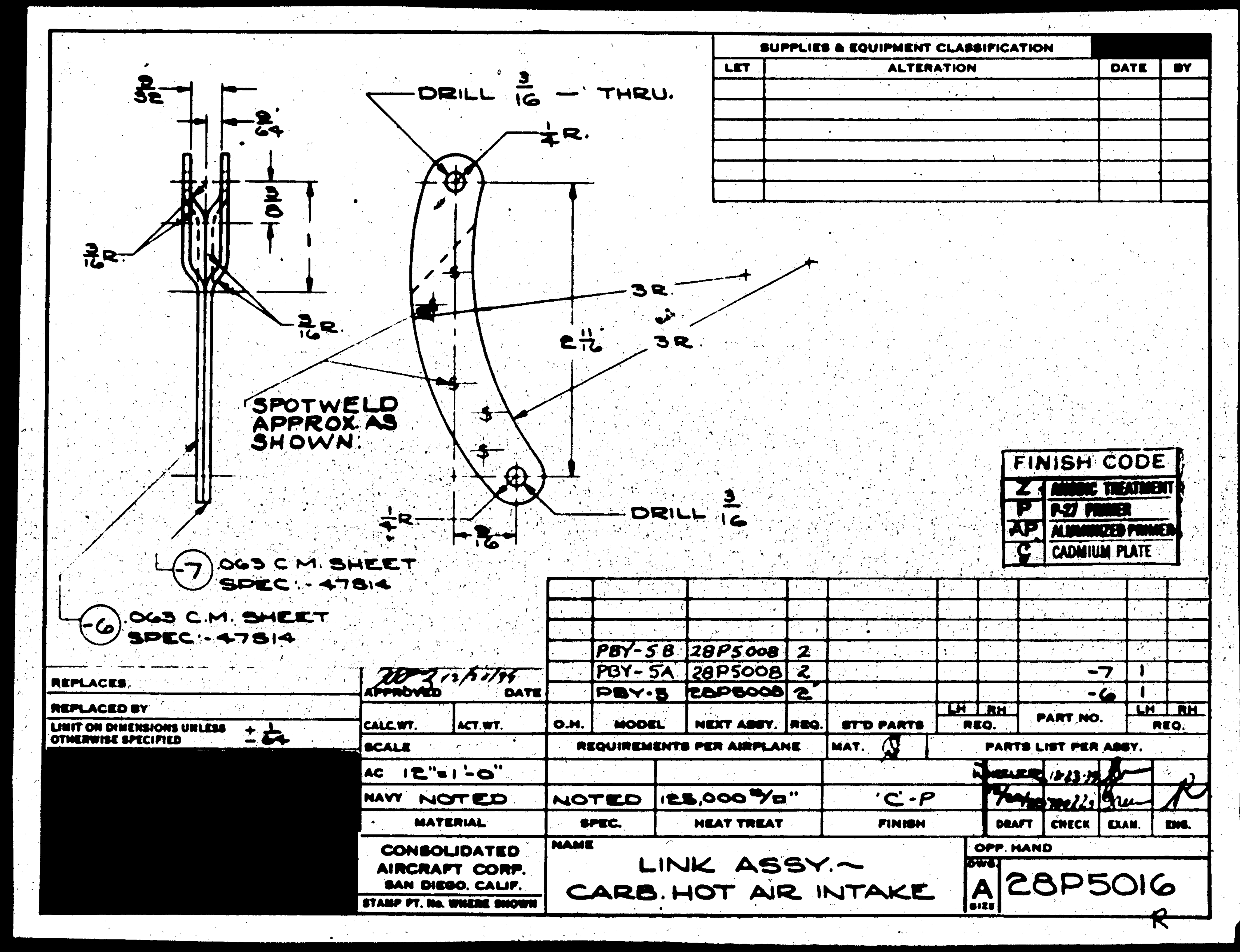

[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
DRILL 1/8 5 HOLES
B
1 13/16
1 1/4
11/16
11/32
DRILL #28(.140) 4 PLACES
1
11/32
17/32
5/8
1 1/16
3/4
1 3/4
7/16
1 17/32
B
1/2
2 1/4
3/16
SPLIT AS SHOWN BEFORE DRILLING HOLES. KEEP HALVES TOGETHER
PBY-5B 28P3053 2
SEE RELEASE BOOK
PBY5A 28P3053 2
PBY-4 28P3053
PBY-3 28P3053
NAVY APPROVED
[redacted] 8-25-38
DATE
CALC. WT. .03
ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
SCALE 12"=1'-0"
MATERIAL PHENOLIC
SPEC'S. AC NO.: 17P5 TYPE FBG
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN 9-13-37 SUGGS
STRENGTH & W'T. EXAM. B.W.M. MOFFAT
CHECKED 9-14-37 ALTGILBERS
APPR'VD. & REL'S'D. A.P.
B INCREASED 1/8 HOLES FROM 3 -5 & ADD'D 11/16 & 1/32 DIM. NO WT. CH. 4-30-42
A TRACED 8-25-38
LET. CHANGED DATE CH. BY
FAIRLEAD - ENGINE CONTROLS - FRONT SPAR
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 28P3054



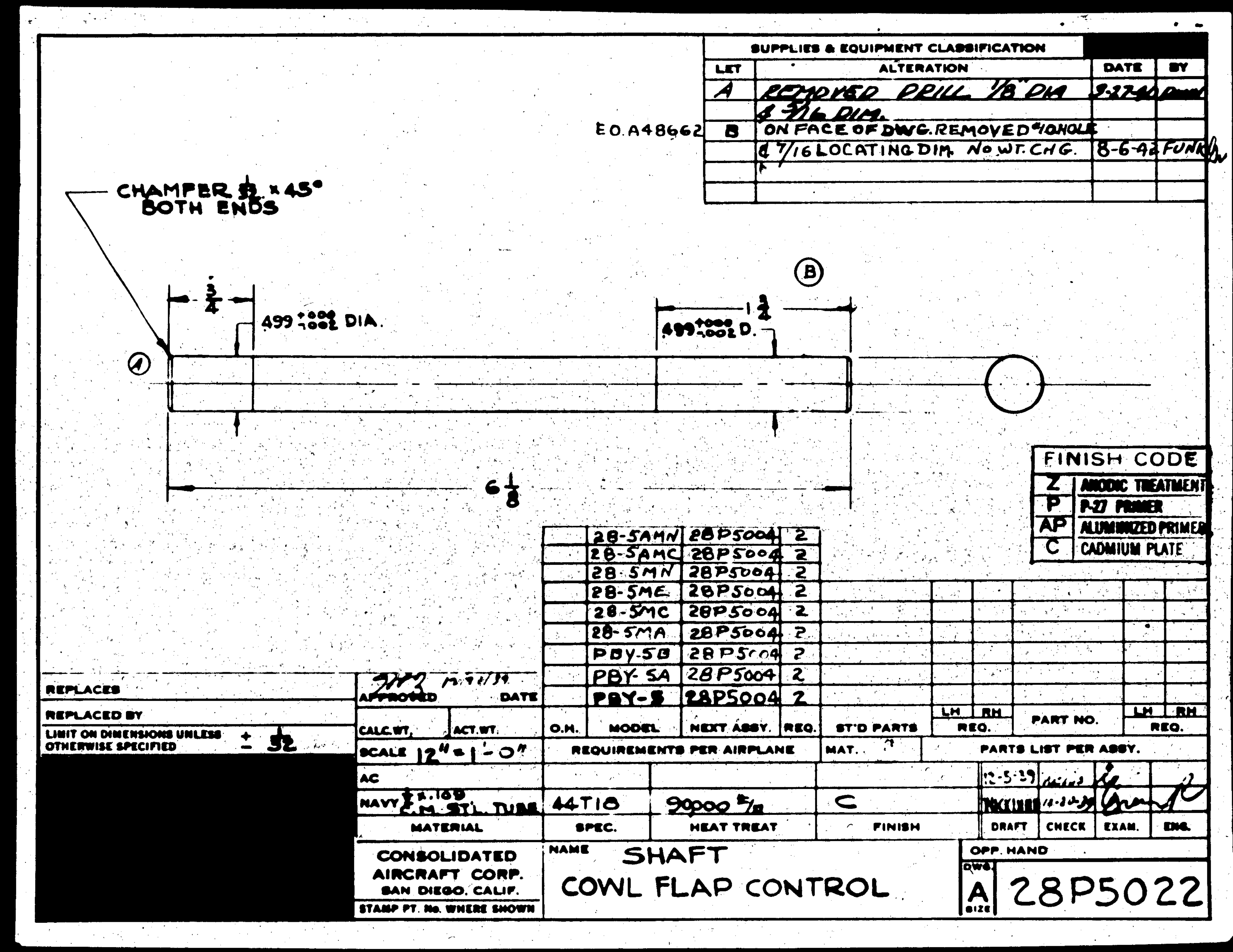
SUPPLIES & EQUIPMENT CLASSIFICATION
[redacted]
LET | ALTERATION | DATE | BY
A | 9/64 THD. RELIEF WAS 1/32 | 5-6-40
B | ON FACE, REPLACED "3/4 HEX. CORR. RES'ST STL ROD, 46518 GR. 7E" WITH MAT'L. NOTE. NO WT. CHG. | 9-16-43
THREAD 5/8-11 NC3
3/4
1 5/8
3/16
7/8
1/32
5/8 R
BREAK CORNER
NOTE-
MAT'L MAY BE-
(A) 3/4 HEX. STAINLESS STEEL BAR, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B) 3/4 HEX. STAINLESS STEEL BAR, SPEC. AN-QQ-S-771, COMP. G, COND. A
45°
.500/.499 D.
3/32
RELIEVE THREADS 9/64 FROM HEAD. (A)
DRILL #50 (.070) THRU
28-5's | 28P5008 | 4 EA.
PBY-5B | 28P5008 | 4
PBY-5A | 28P5008 | 4
PBY-5 | 28P5008 | 4
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED DATE
CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS
LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
12-14-38
MATERIAL SPEC. HEAT TREAT FINISH
DRAFT CHECK EXAM. ENG.
[redacted]
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT No. WHERE SHOWN
NAME BOLT
CARB. HOT AIR INTAKE - VALVE
OPP. HAND
DWG. A SIZE 28P5013
28P5013

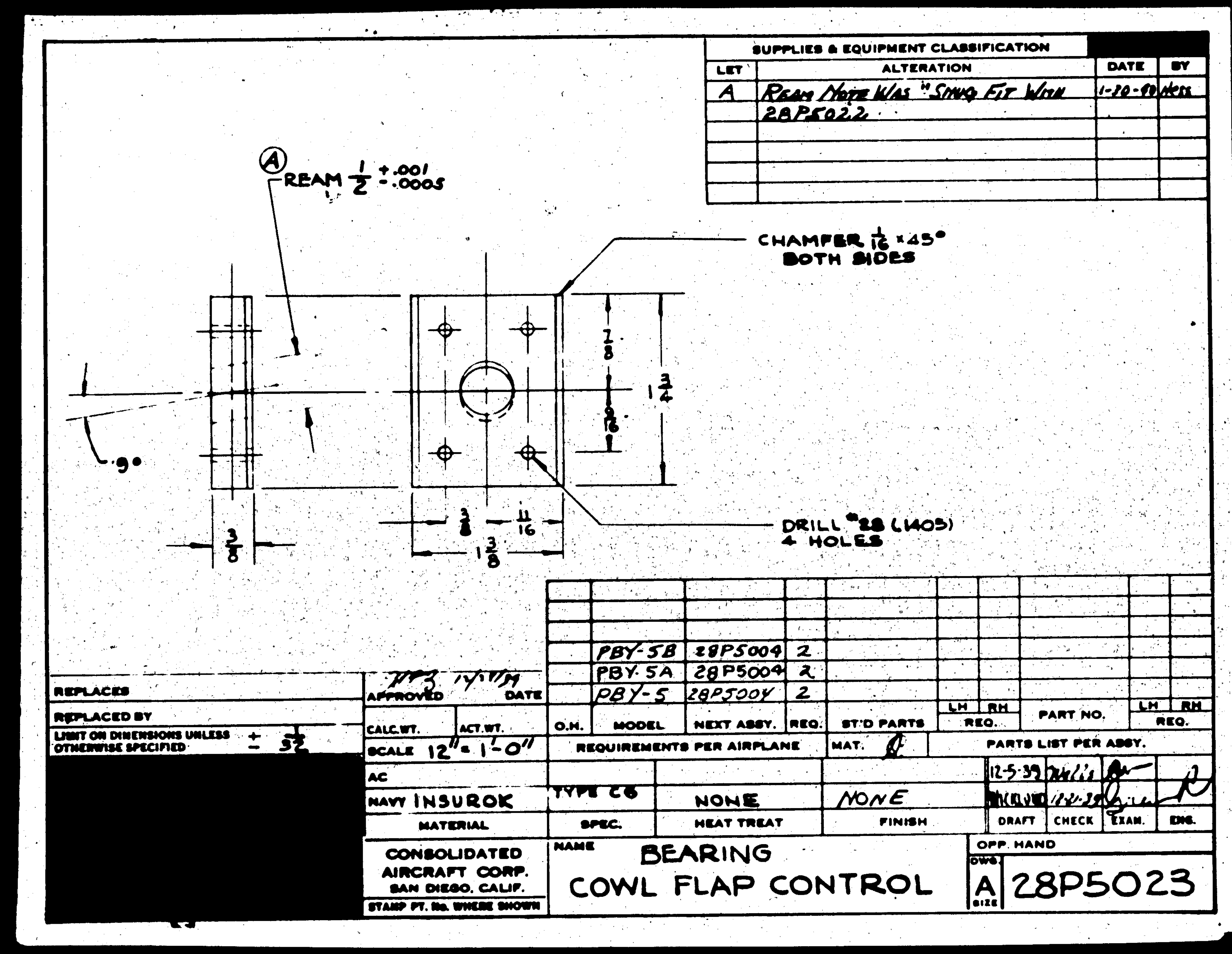


-7 .063 CHR. MOLY SH'T. SPEC:-47514
-8 .063 CHR. MOLY SH'T. SPEC:-47514
SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]
LET | ALTERATION | DATE | BY
A | REMOVED SPOTFACE, DIA. 1/4 WAS 7/32; DRILL #10(193) WAS DRILL 1/8 ADDED WELD NOTE | 3-21-40 | J. HALE
B | JOGGLED AT 30° ANGLE WAS JOG. STR'T WELD REMOVED & WELD ADDED. NOTE CHANGED | 10-31-40
C | CONTINUOUS WELDS WERE SKIP WELDS | 7-9-41
D | NOTE DRILL #8(.199) - WAS DRILL #5(.205) | 12-30-4
E | REMOVED PBY5A & 28-5AMN FROM REQ BLOCK, ADD CONT 70496 FOR PBY5A PBY5A NO WT. CHG. | 6/19/43
E.O. 27329
E.O.A16449
11/16
1/4 R
1/4 R
32°
DRILL 3/16 — 2 HOLES THRU.
3/8 R
30°
-6 7/8 DIA. CHR. MOLY ROD SPEC:-46823, GRADE A.
WELD
REAM .500 +.000 -.002 DIA.
2
1/8
1/16
5/8
1/16 R
1/16 R
WELD BOTH SIDES
1/4
5/8
Z ANODIC TREATMENT
P P-27 PRIMER
ALUMINIZED PRIMER
CADMIUM PLATE
NOTE C WELD AS SHOWN
D DRILL #8 (.199) THRU
E C70496 ONLY
28-5MN | 28P5008 | 2
28-5MAMN
28-5MAAMN
PBY-5A
PBY-5 | 28P5008 | 2
-8 | 1
-7 | 1
-6 | 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
[redacted]
APPROVED DATE
CALC. WT. | ACT. WT. | O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
SCALE 12"=1'-0" | REQUIREMENTS PER AIRPLANE | MAT. S | PARTS LIST PER ASSY.
AC
NAVY NOTED | NOTED | 125,000#/□" | C-P
MATERIAL | SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME BELLCRANK ASSY.-CARB. HOT AIR INTAKE CONTROL
OPP. HAND
DWG. A SIZE 28P5015



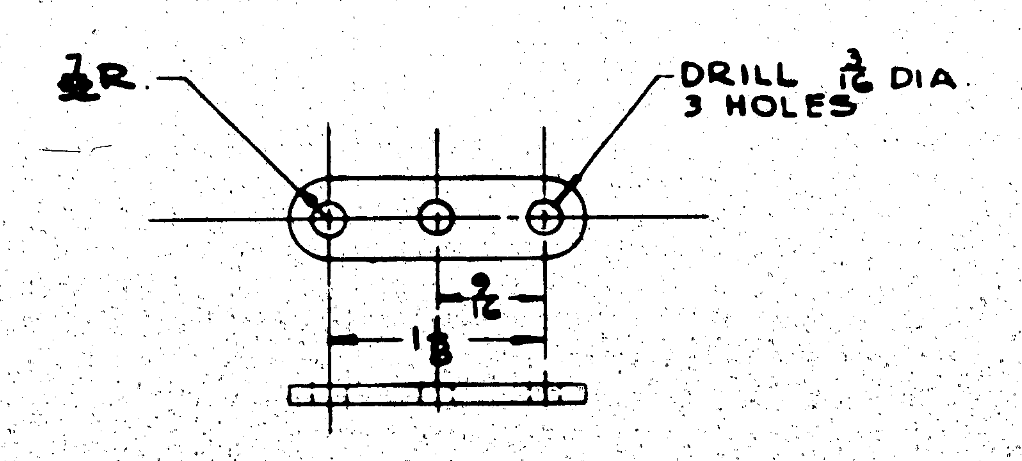
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
DRILL 3/16 — THRU.
1/4 R.
3/32
3/64
3/8
3/16 R.
3/16 R.
3R.
3R.
2 11/16
SPOTWELD APPROX. AS SHOWN.
1/4 R.
DRILL 3/16
3/16
-7 .063 C.M. SHEET SPEC. - 47814
-6 .063 C.M. SHEET SPEC. - 47814
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5B 28P5008 2
PBY-5A 28P5008 2 -7 1
PBY-5 28P5008 2 -6 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC 12" = 1'-0"
NAVY NOTED
NOTED
125,000 #/□"
'C'-P
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
LINK ASSY. ~ CARB. HOT AIR INTAKE
OPP. HAND
DWG. SIZE A
28P5016
R


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
REMOVED DRILL 1/8" DIA & 3/16 DIM.
B
ON FACE OF DWG. REMOVED 1/4 HOLE & 7/16 LOCATING DIM. NO WT. CHG.
8-6-42
FUNK
E.O. A48662
CHAMFER 1/32 x 45° BOTH ENDS
A
B
3/4
.499 +.000 -.002 DIA.
1 3/4
.499 +.000 -.002 D.
6 1/8
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
28-5AMN 28P5004 2
28-5AMC 28P5004 2
28-5MN 28P5004 2
28-5ME 28P5004 2
28-5MC 28P5004 2
28-5MA 28P5004 2
PBY-5B 28P5004 2
PBY-5A 28P5004 2
PBY-5 28P5004 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
C.M. STL. TUBE
44T18
90000 #/□"
C
12-5-39
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
SHAFT
COWL FLAP CONTROL
OPP. HAND
DWG.
A
SIZE
28P5022



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
REAM NOTE WAS "SNUG FIT WITH 28P5022
1-30-40
A REAM 1/2 +.001 -.0005
CHAMFER 1/16 x 45° BOTH SIDES
7/8
9/16
1 3/4
3/8
11/16
1 3/8
3/8
DRILL #28 (.1405) 4 HOLES
PBY-5B
28P5004
2
PBY-5A
28P5004
2
PBY-5
28P5004
2
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY INSUROK
TYPE C6
NONE
NONE
12-5-39
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BEARING
COWL FLAP CONTROL
OPP. HAND
DWG.
A
SIZE
28P5023

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
M	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28P5004	2						
	PBY-5A	28P5004	2						
	PBY-5	28P5004	2						

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± $\frac{1}{32}$

APPROVED [illegible] DATE 12/5/39

CALC. WT. | ACT. WT.

SCALE 12" = 1'0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY.18 C.M. STL. SHT.	47S14	NONE	C

DRAFT	CHECK	EXAM.	ENG.
12-7-39	12-11-39		

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

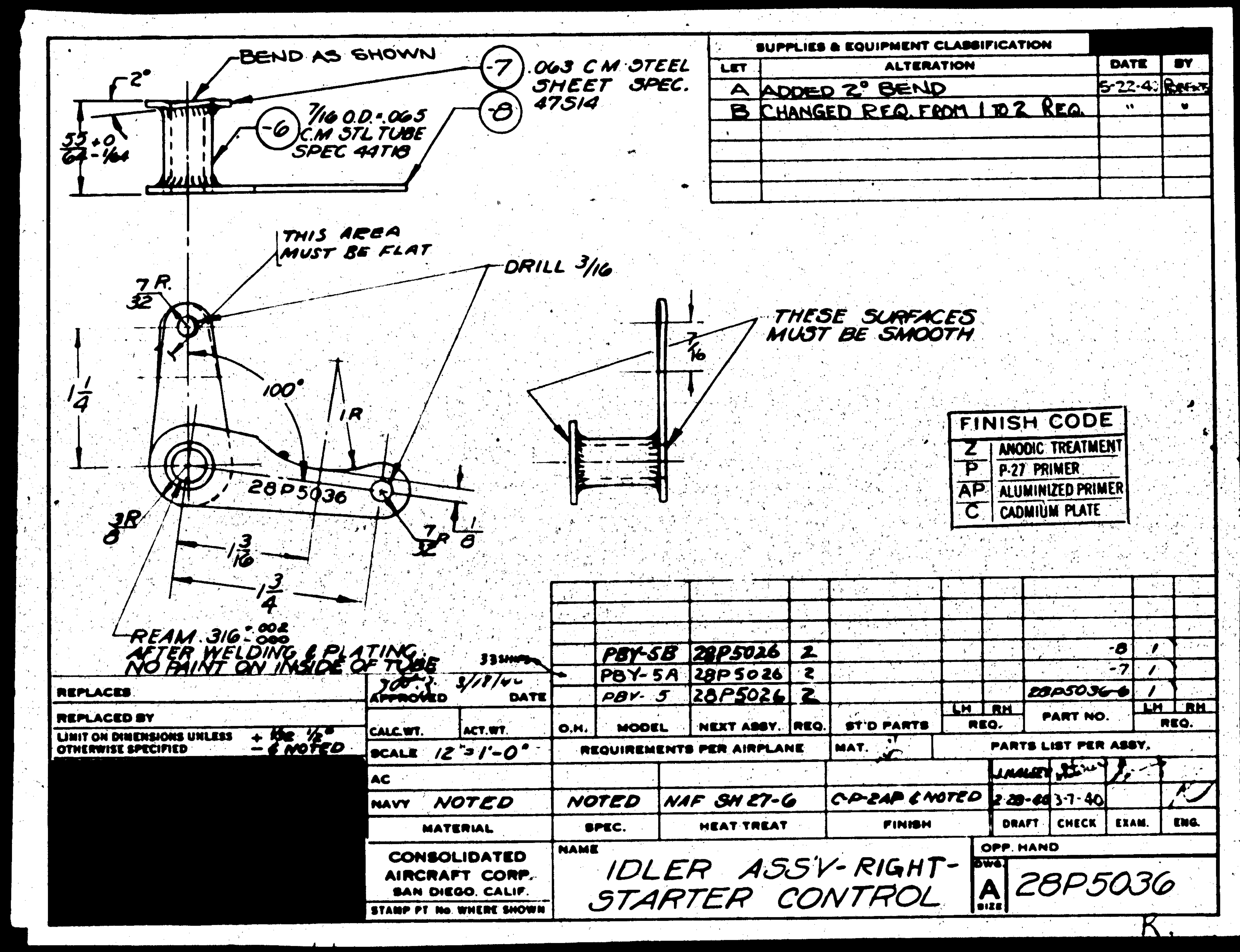
NAME CLIP

HOUSING - COWL FLAP CONTROL

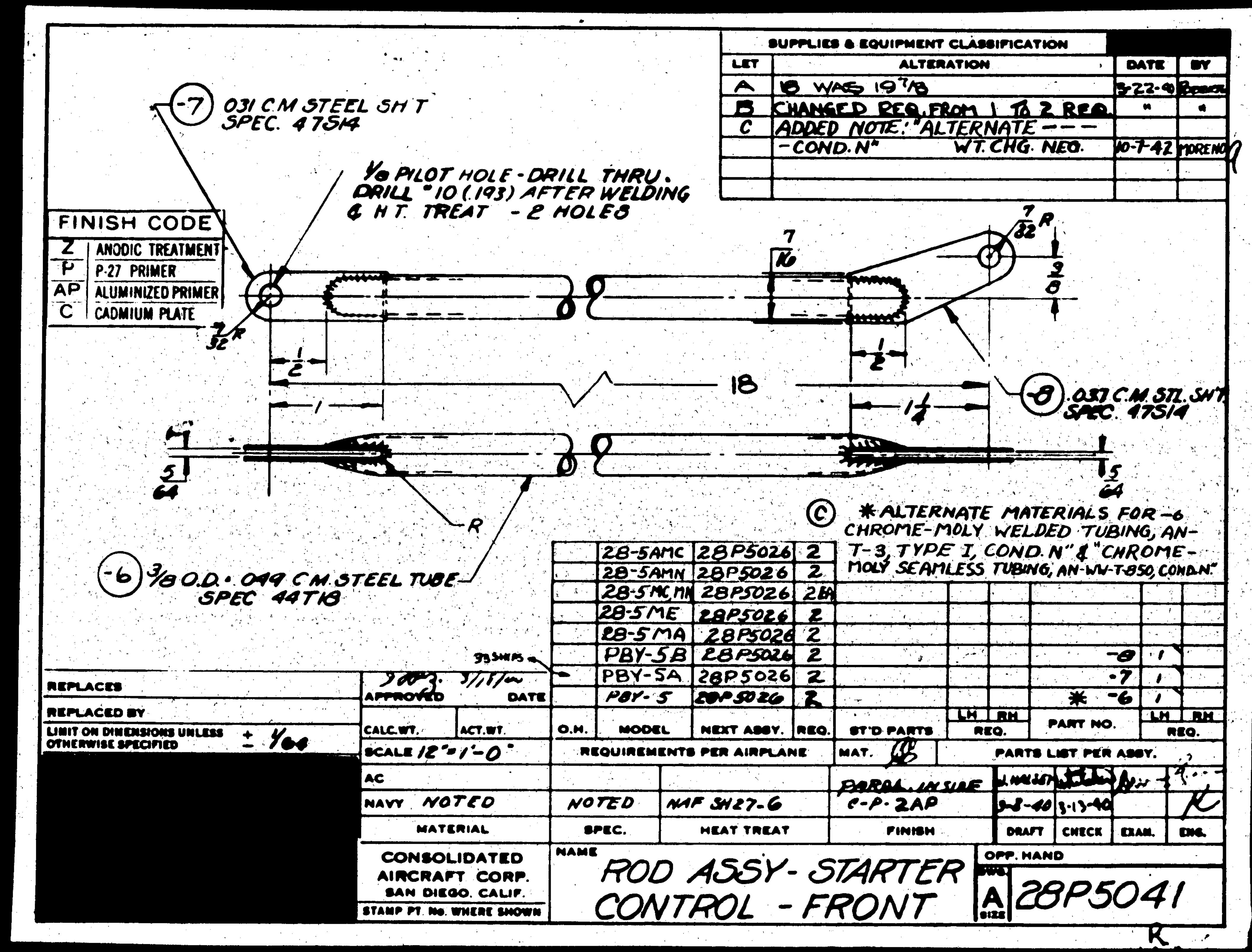
OPP. HAND

DWG. SIZE A

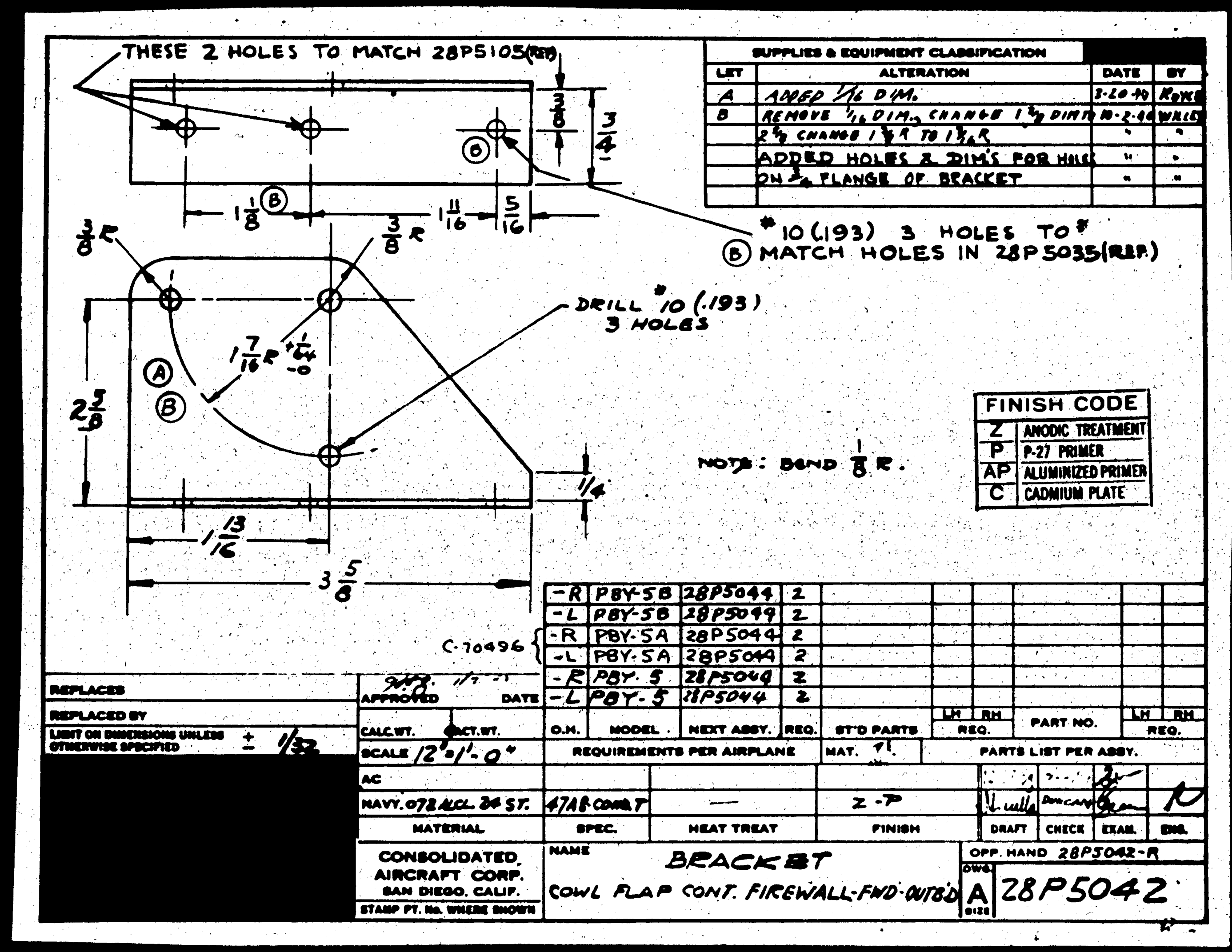
28P5032

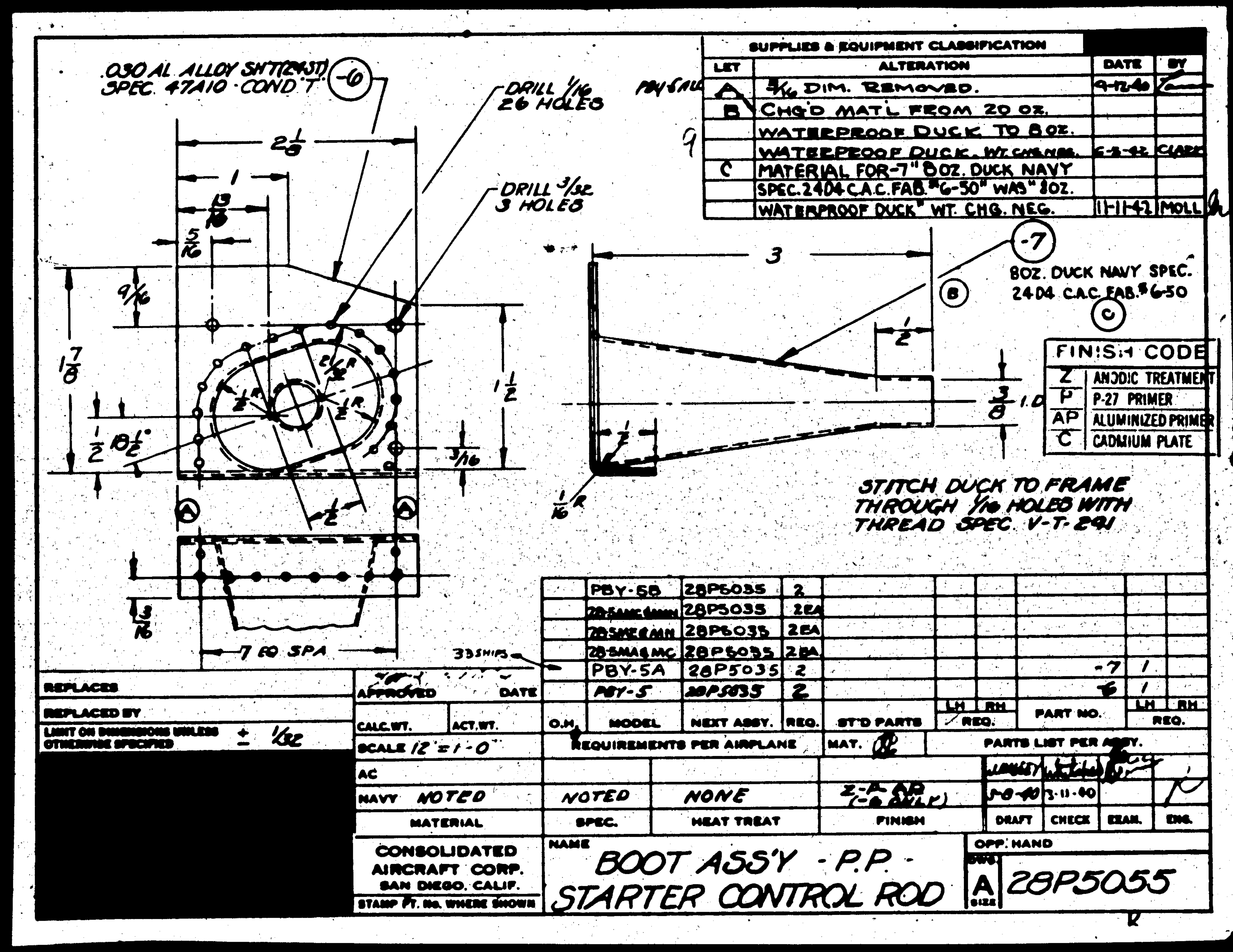


BEND AS SHOWN
2°
-7
.063 C M STEEL SHEET SPEC. 47514
-8
-6
7/16 O.D. × .065 C.M STL TUBE SPEC 44T18
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ADDED 2° BEND
5-22-43
B
CHANGED REQ. FROM 1 TO 2 REQ.
THIS AREA MUST BE FLAT
DRILL 3/16
7/32 R.
100°
1R
28P5036
3/8 R
1 3/16
1 3/4
1 1/4
7/32 R
1/8
THESE SURFACES MUST BE SMOOTH
7/16
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
REAM .316 +.002 -.000 AFTER WELDING & PLATING
NO PAINT ON INSIDE OF TUBE
PBY-5B 28P5026 2
PBY-5A 28P5026 2
PBY-5 28P5026 2
-8 1
-7 1
28P5036-6 1
REPLACES
REPLACED BY
APPROVED
DATE
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/64 ± 1/2° & NOTED
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NAF SH 27-6
C-P-2AP & NOTED
2-28-40
3-7-40
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT No. WHERE SHOWN
NAME
IDLER ASS'Y-RIGHT-STARTER CONTROL
OPP. HAND
DWG. SIZE A
28P5036

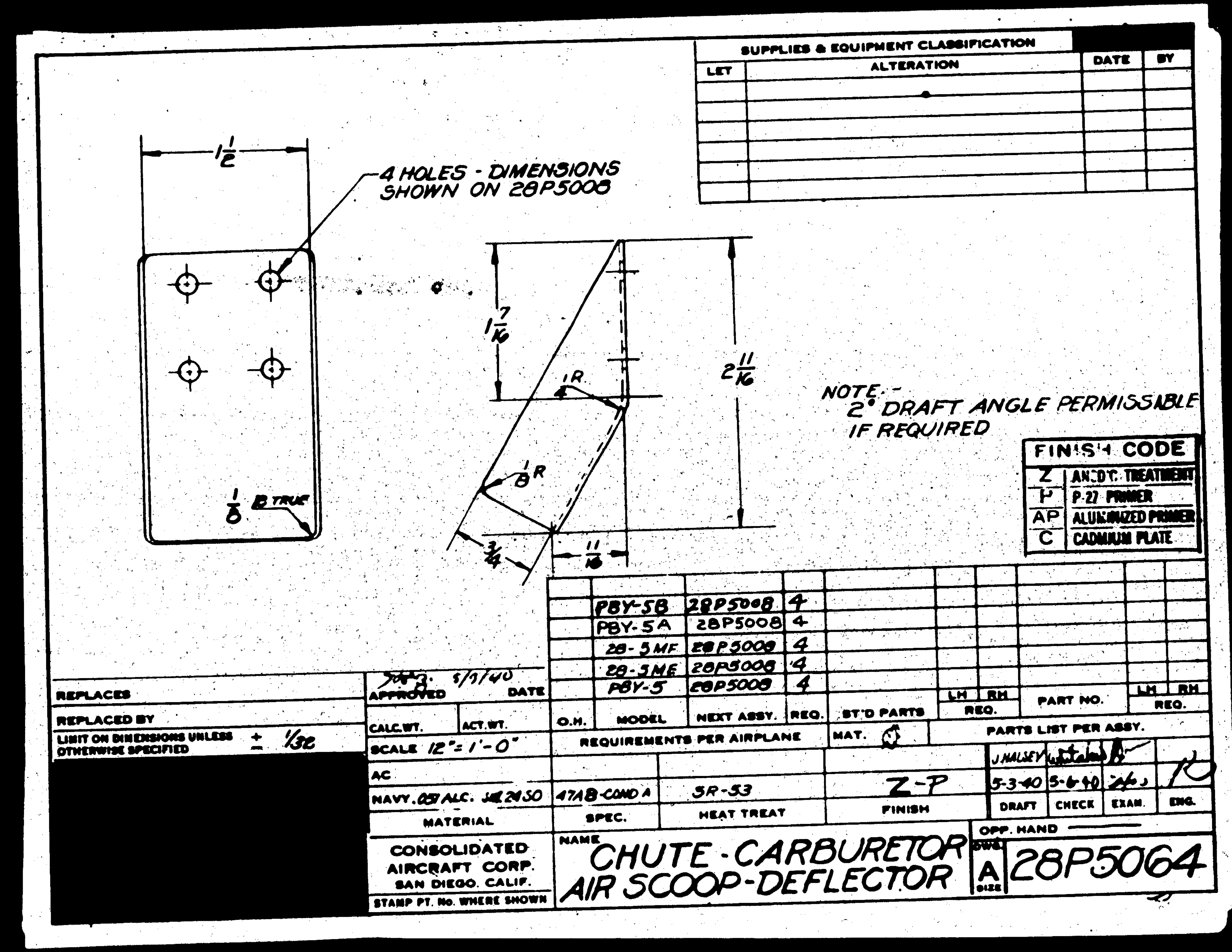


SUPPLIES & EQUIPMENT CLASSIFICATION
[redacted]
LET | ALTERATION | DATE | BY
A | 18 WAS 19 7/8 | 3-22-40
B | CHANGED REQ. FROM 1 TO 2 REQ. | " | "
C | ADDED NOTE: "ALTERNATE --- -COND. N" WT. CHG. NEG. | 10-7-42 | MORENO
-7 .031 C.M. STEEL SH'T SPEC. 47S14
1/8 PILOT HOLE - DRILL THRU. DRILL #10 (.193) AFTER WELDING & H.T. TREAT - 2 HOLES
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
7/32 R
7/16
7/32 R
3/8
1/2
1/2
18
1
1 1/4
-8 .037 C.M. STL. SH'T SPEC. 47S14
5/64
5/64
R
-6 3/8 O.D. .049 C.M. STEEL TUBE SPEC 44T18
(C) * ALTERNATE MATERIALS FOR -6 CHROME-MOLY WELDED TUBING, AN-T-3, TYPE I, COND. N" & "CHROME-MOLY SEAMLESS TUBING, AN-WW-T-850, COND. N."
28-5AMC | 28P5026 | 2
28-5AMN | 28P5026 | 2
28-5MC, MN | 28P5026 | 2 EA
28-5ME | 28P5026 | 2
28-5MA | 28P5026 | 2
PBY-5B | 28P5026 | 2 | -8 | 1
33 SHIPS PBY-5A | 28P5026 | 2 | -7 | 1
PBY-5 | 28P5026 | 2 | * -6 | 1
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
[redacted]
APPROVED DATE 3/11/40
CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
MAT.
AC
NAVY NOTED | NOTED | NAF SH27-6 | PAROL. INSIDE C-P-2AP | 9-8-40 | 3-13-40
MATERIAL | SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME ROD ASSY - STARTER CONTROL - FRONT
OPP. HAND
DWG. SIZE A 28P5041
R

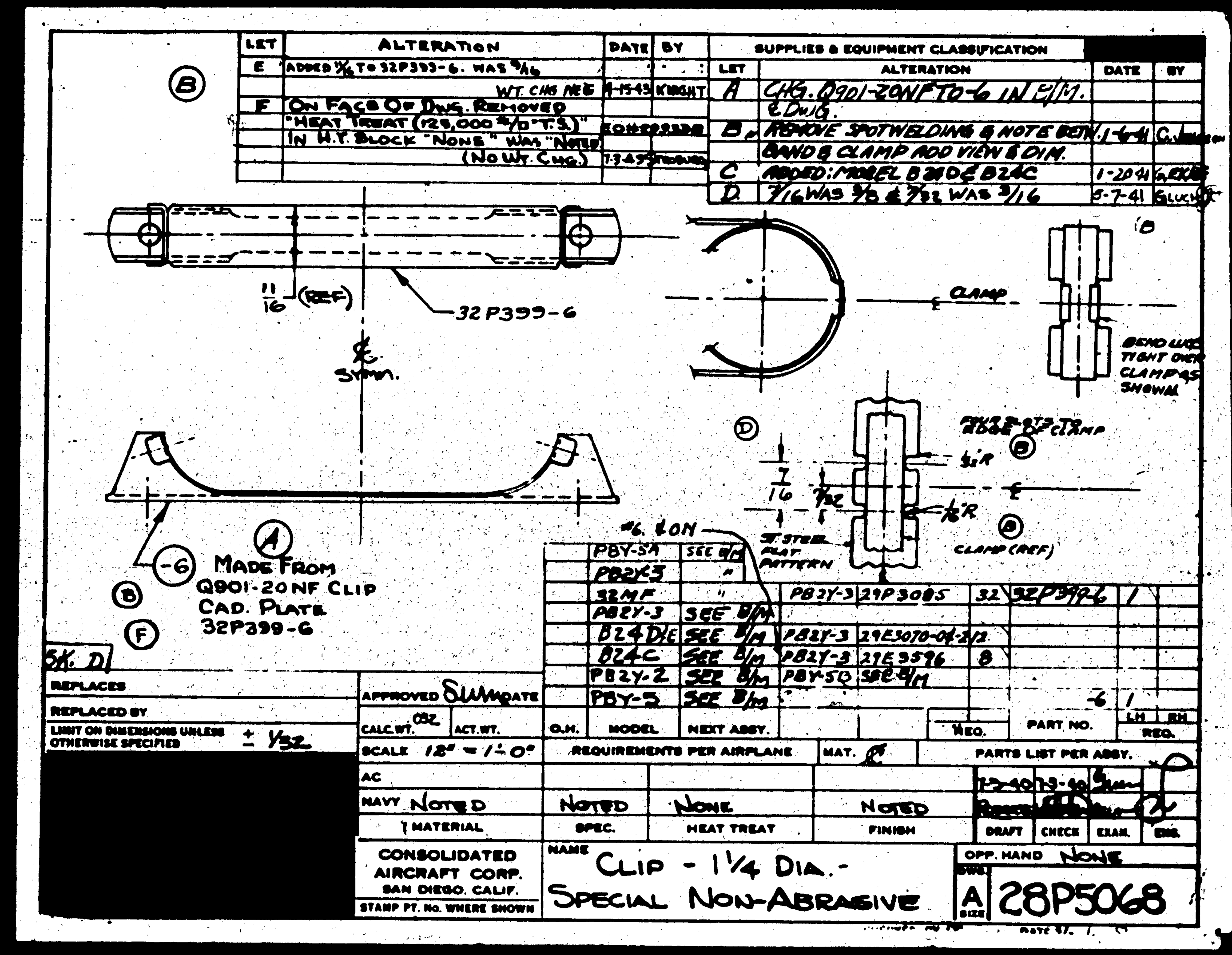

THESE 2 HOLES TO MATCH 28P5105(REF)
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | ADDED 1/16 DIM.
B | REMOVE 1/16 DIM., CHANGE 1 3/8 DIM.
2 5/8 CHANGE 1 3/8 R TO 1 7/16 R
ADDED HOLES & DIM'S FOR HOLES
ON 3/4 FLANGE OF BRACKET
#10 (.193) 3 HOLES TO MATCH HOLES IN 28P5035(REF.)
DRILL #10 (.193) 3 HOLES
NOTE: BEND 1/8 R.
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
C-70496
-R PBY-5B 28P5044 2
-L PBY-5B 28P5044 2
-R PBY-5A 28P5044 2
-L PBY-5A 28P5044 2
-R PBY-5 28P5044 2
-L PBY-5 28P5044 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED DATE
CALC.WT. ACT.WT.
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY.072 ALCL. 24 ST.
47A8 COND T
Z-P
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME BRACKET
COWL FLAP CONT. FIREWALL-FWD-OUTB'D
OPP. HAND 28P5042-R
DWG. A SIZE 28P5042

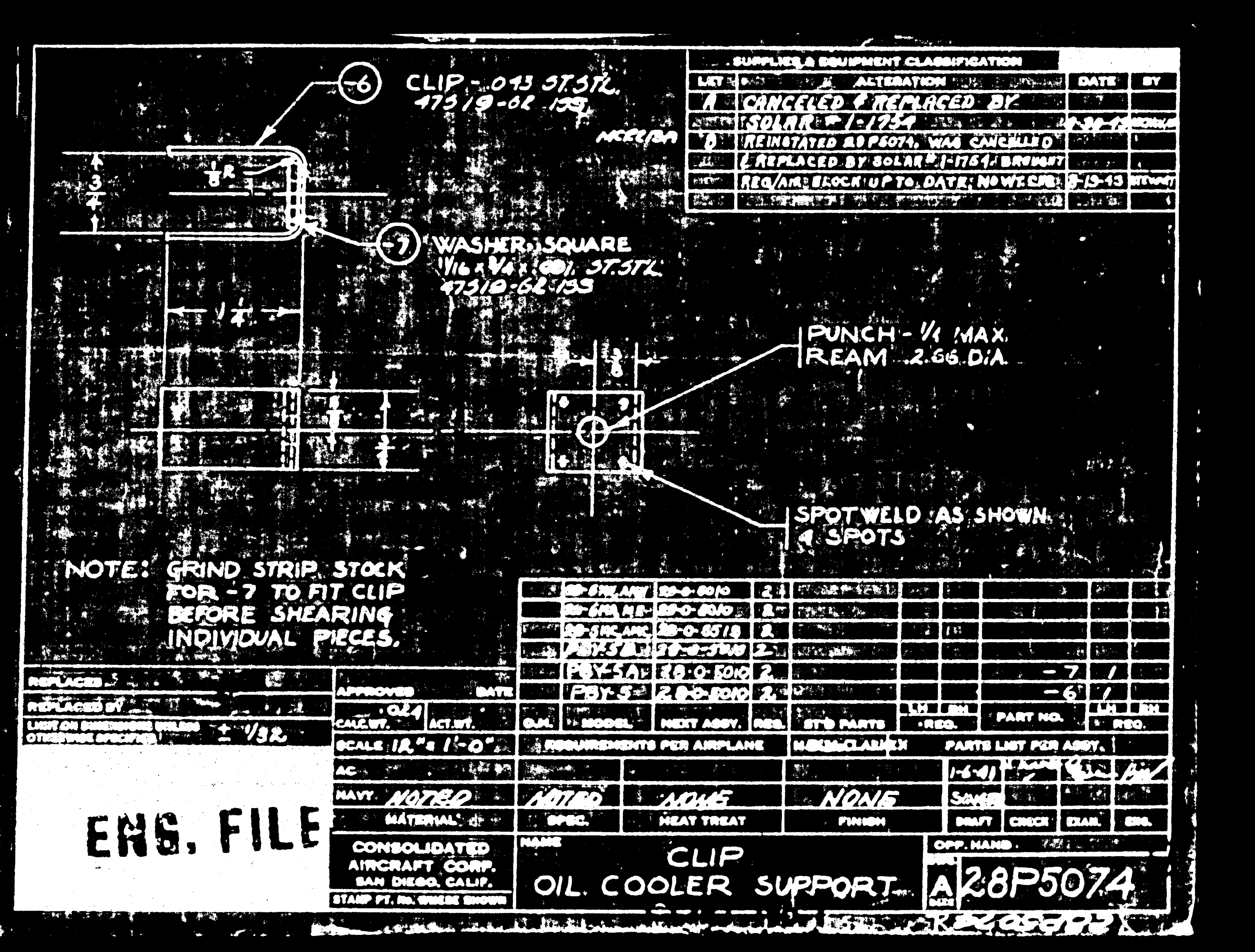


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A 5/16 DIM. REMOVED. 9-12-40
B CHG'D MATL FROM 20 OZ. WATERPROOF DUCK TO 8 OZ. WATERPROOF DUCK. WT. CHG. NEG. 6-3-42 CLARK
C MATERIAL FOR -7 "8 OZ. DUCK NAVY SPEC. 2404 C.A.C. FAB. #6-50" WAS "8 OZ. WATERPROOF DUCK" WT. CHG. NEG. 11-11-42 MOLL
.030 AL ALLOY SHT (24ST) SPEC. 47A10 COND T
-6
DRILL 1/16 26 HOLES
DRILL 3/32 3 HOLES
-7
8 OZ. DUCK NAVY SPEC. 2404 C.A.C. FAB. #6-50
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
STITCH DUCK TO FRAME THROUGH 1/16 HOLES WITH THREAD SPEC. V-T-291
7 EQ SPA
PBY-5B 28P5035 2
28P5035 2EA
28P5035 2EA
28P5035 2EA
33 SHIPS
PBY-5A 28P5035 2 -7 1
PBY-5 28P5035 2 -6 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
3-8-40
3-11-40
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BOOT ASS'Y - P.P. - STARTER CONTROL ROD
OPP. HAND
DWG
A
SIZE
28P5055

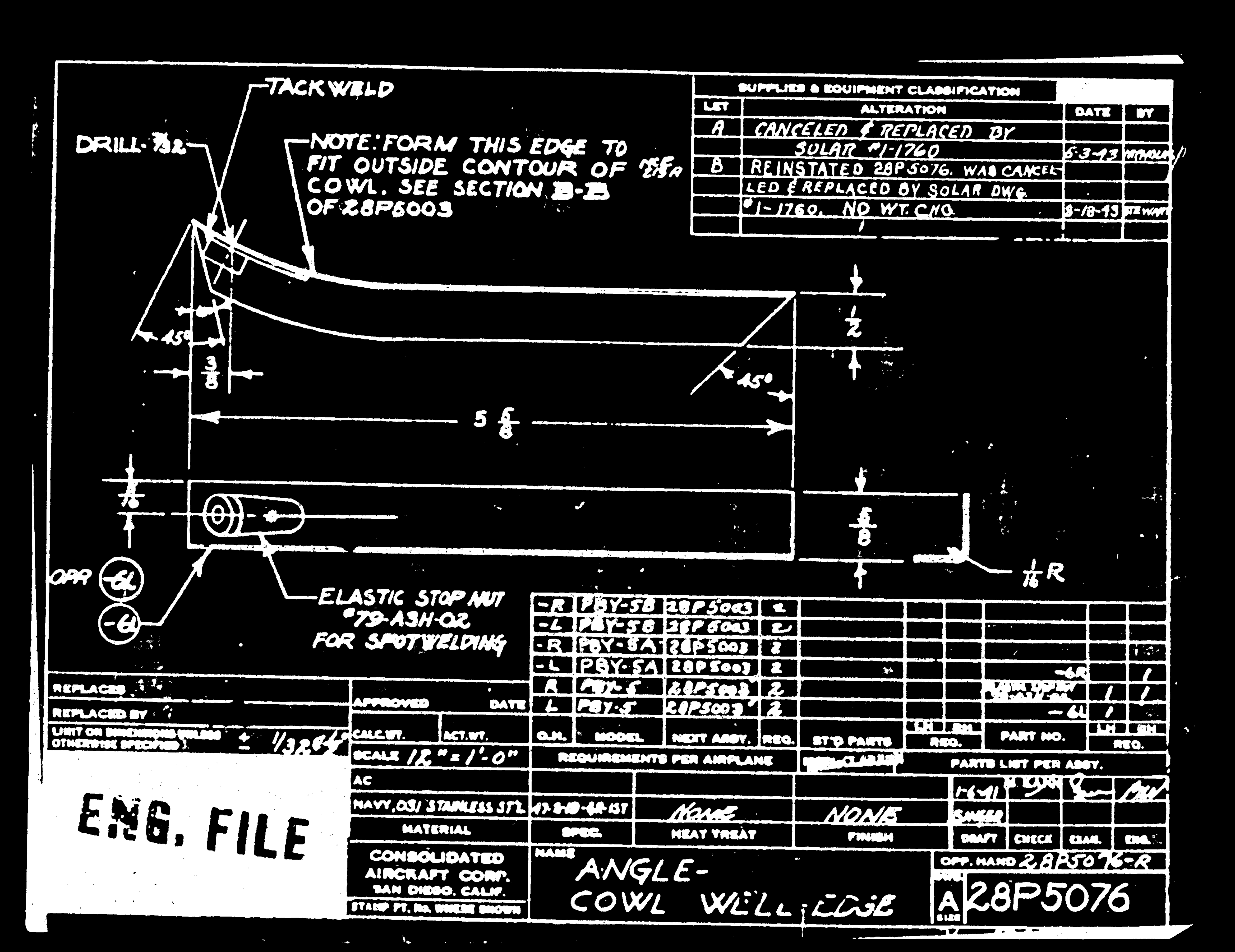


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1 1/2
4 HOLES - DIMENSIONS SHOWN ON 28P5008
1 7/16
2 11/16
1/4 R
1/8 R
1/8 R TRUE
3/4
11/16
NOTE:- 2° DRAFT ANGLE PERMISSABLE IF REQUIRED
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5B 28P5008 4
PBY-5A 28P5008 4
28-5MF 28P5008 4
28-5ME 28P5008 4
PBY-5 28P5008 4
REPLACES
APPROVED 5/7/40 DATE
REPLACED BY
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
J HALSEY
NAVY .051 ALC. 24SO
47AB-COND A
SR-53
Z-P
5-3-40
5-6-40
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
CHUTE - CARBURETOR AIR SCOOP-DEFLECTOR
DWG. A SIZE
28P5064

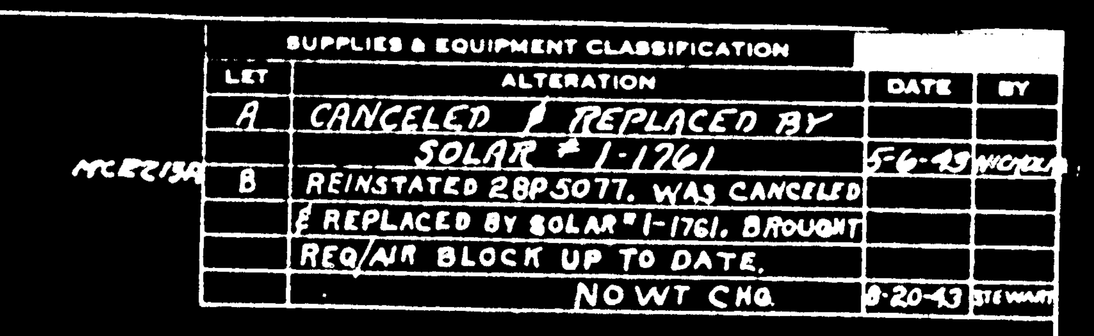

LET
ALTERATION
DATE
BY
E ADDED 1/16 TO 32P399-6. WAS 9/16
WT. CHG NEG
F ON FACE OF DWG. REMOVED "HEAT TREAT (125,000 #/□" T.S.)" IN H.T. BLOCK "NONE" WAS "NOTED" (NO WT. CHG.)
SUPPLIES & EQUIPMENT CLASSIFICATION
A CHG. Q901-20NF TO -6 IN B/M. & DWG.
B REMOVE SPOTWELDING & NOTE BETW. BAND & CLAMP ADD VIEW & DIM.
C ADDED: MODEL B24D & B24C
D 7/16 WAS 3/8 & 7/32 WAS 3/16
5-7-41
11/16 (REF)
32P399-6
℄ SYMM.
℄ CLAMP
BEND LUGS TIGHT OVER CLAMP AS SHOWN
-6
MADE FROM Q901-20NF CLIP CAD. PLATE 32P399-6
7/16
7/32
1/32 R
1/16 R
#6 ℄ ON
ST. STEEL FLAT PATTERN
CLAMP (REF)
PBY-5A SEE B/M
PB2Y-5
32MF
PB2Y-3 SEE B/M
B24D/E SEE B/M
B24C SEE B/M
PB2Y-2 SEE B/M
PBY-5 SEE B/M
PB2Y-3 29P3085 32 32P399-6 1
PB2Y-3 29E3070-0
PB2Y-3 29E3596 8
PBY-5B SEE B/M
-6 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT. .032
ACT. WT.
Q.H.
MODEL
NEXT ASSY.
REQ.
PART NO.
LH
RH
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NONE
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
CLIP - 1 1/4 DIA. - SPECIAL NON-ABRASIVE
OPP. HAND NONE
A SIZE
28P5068



-6 CLIP - .043 ST.STL. 47519-62 155
-7 WASHER, SQUARE 1/16 x 3/4 x .001 ST.STL. 47519-62 155
3/4
1/8 R
1 1/4
PUNCH - 1/4 MAX. REAM .266 DIA.
SPOTWELD AS SHOWN 4 SPOTS
NOTE: GRIND STRIP STOCK FOR -7 TO FIT CLIP BEFORE SHEARING INDIVIDUAL PIECES.
SUPPLIES & EQUIPMENT CLASSIFICATION
LET. ALTERATION DATE BY
A CANCELED & REPLACED BY SOLAR #1-1754
B REINSTATED 28P5074, WAS CANCELLED & REPLACED BY SOLAR #1-1754. BROUGHT REQ/AIR. BLOCK UP TO DATE; NO WT. CHG. 9-19-43
PBY-5A 28-0-5010 2 -7 1
PBY-5 28-0-5010 2 -6 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED DATE
.024 CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
PARTS LIST FOR ASSY.
NAVY NOTED NOTED NONE NONE
MATERIAL SPEC. HEAT TREAT FINISH
DRAFT CHECK EXAM. ENG.
1-6-41
ENG. FILE
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
NAME CLIP OIL COOLER SUPPORT
OPP. HAND
A 28P5074



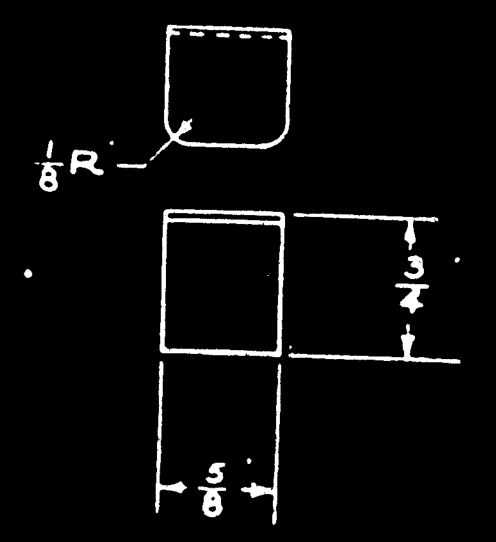
TACK WELD
DRILL 7/32
NOTE: FORM THIS EDGE TO FIT OUTSIDE CONTOUR OF COWL. SEE SECTION B-B OF 28P5003
45°
3/8
1/2
45°
5 5/8
5/8
1/16 R
OPP -6L
-6R
ELASTIC STOP NUT #79-A3H-02 FOR SPOTWELDING
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
CANCELED & REPLACED BY SOLAR #1-1760
5-3-43
B
REINSTATED 28P5076. WAS CANCELLED & REPLACED BY SOLAR DWG. #1-1760. NO WT. CHG.
8-18-43
-R PBY-5B 28P5003 2
-L PBY-5B 28P5003 2
-R PBY-5A 28P5003 2
-L PBY-5A 28P5003 2
R PBY-5 28P5003 2
L PBY-5 28P5003 2
-6R 1
1 1
-6L 1
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 1/64
APPROVED
DATE
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY .031 STAINLESS STL
47-S-19-GR-1ST
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
1-6-41
DRAFT
CHECK
CHIEF ENGR.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME
ANGLE-COWL WELL EDGE
OPP. HAND 28P5076-R
A
SIZE
28P5076
ENG. FILE

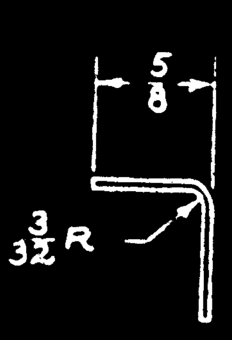


LET	ALTERATION	DATE	BY
A	CANCELED & REPLACED BY SOLAR # 1-1761	5-6-43	
B	REINSTATED 28P5077. WAS CANCELED & REPLACED BY SOLAR # 1-1761. BROUGHT REQ/AIR BLOCK UP TO DATE. NO WT CHG	8-20-43	STEWART

SUPPLIES & EQUIPMENT CLASSIFICATION

MCE213A





O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-5AMC, AMA	28P5003	4EA						
	28-5ME, MA	28P5003	4EA						
	28-5MA, MC	28P5003	4EA						
	PBY-5B	28P5003	4						
	PBY-5A	28P5003	4						
	PBY-5	28P5003	2						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED DATE

CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY .043 STAINLESS ST

MATERIAL

47-S-19

SPEC.

NONE

HEAT TREAT

NONE

FINISH

CLARK

1-3-41 KANE

SINGER

DRAFT CHECK EXAM. ENG.

ENG. FILE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

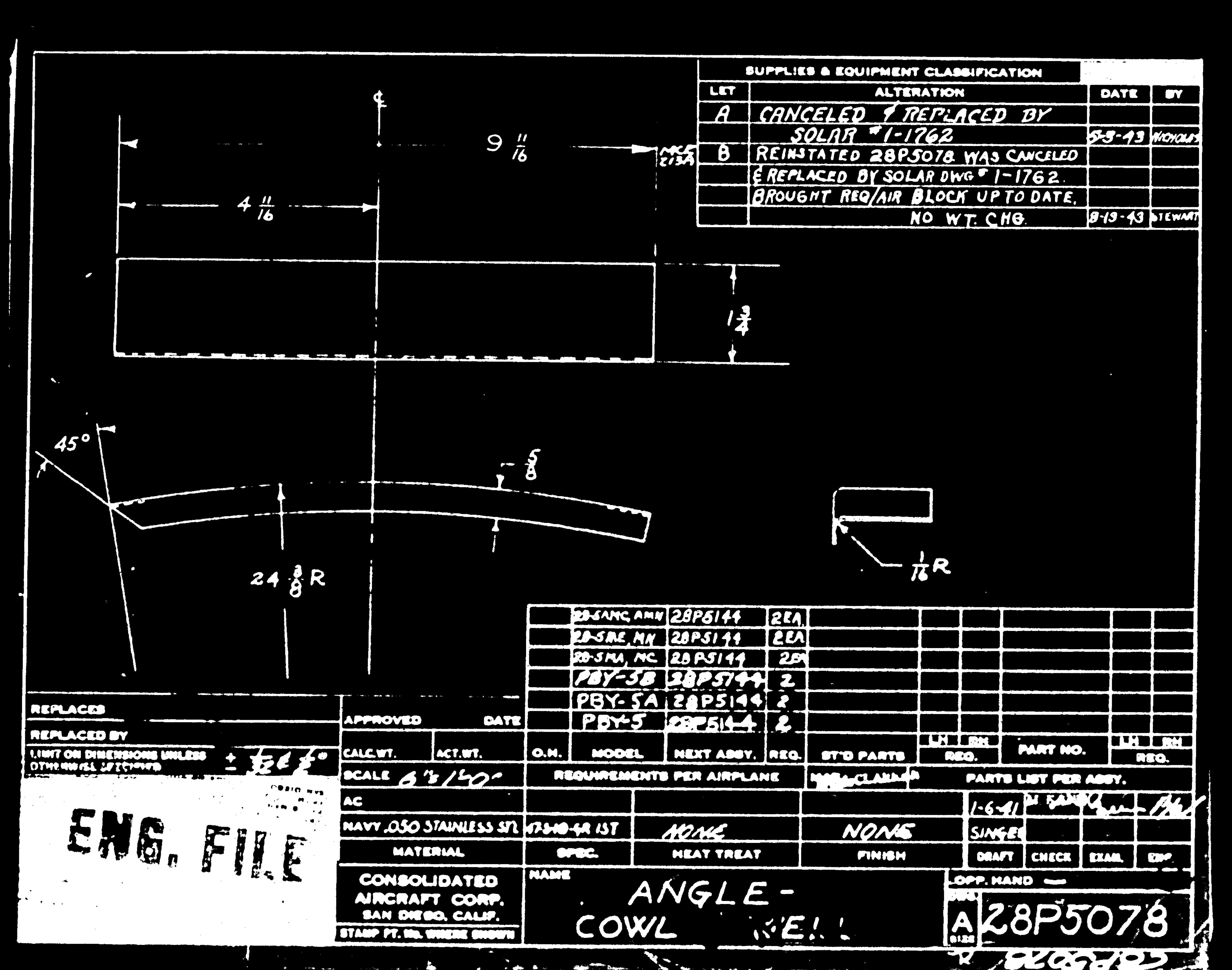
STAMP PT. No. WHERE SHOWN

NAME ANGLE - COWL WELL - STOP

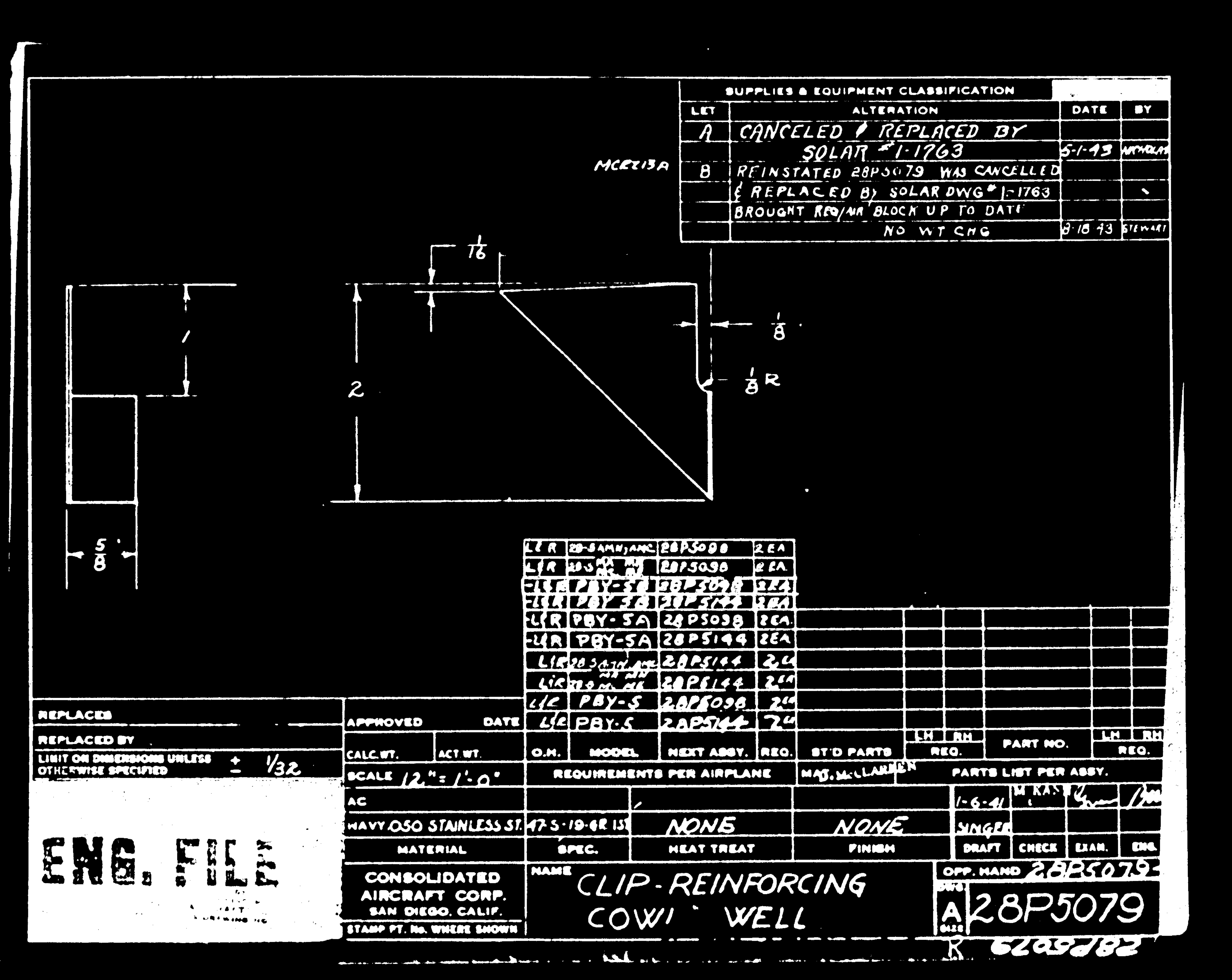
OPP. HAND —

DWG. SIZE A 28P5077

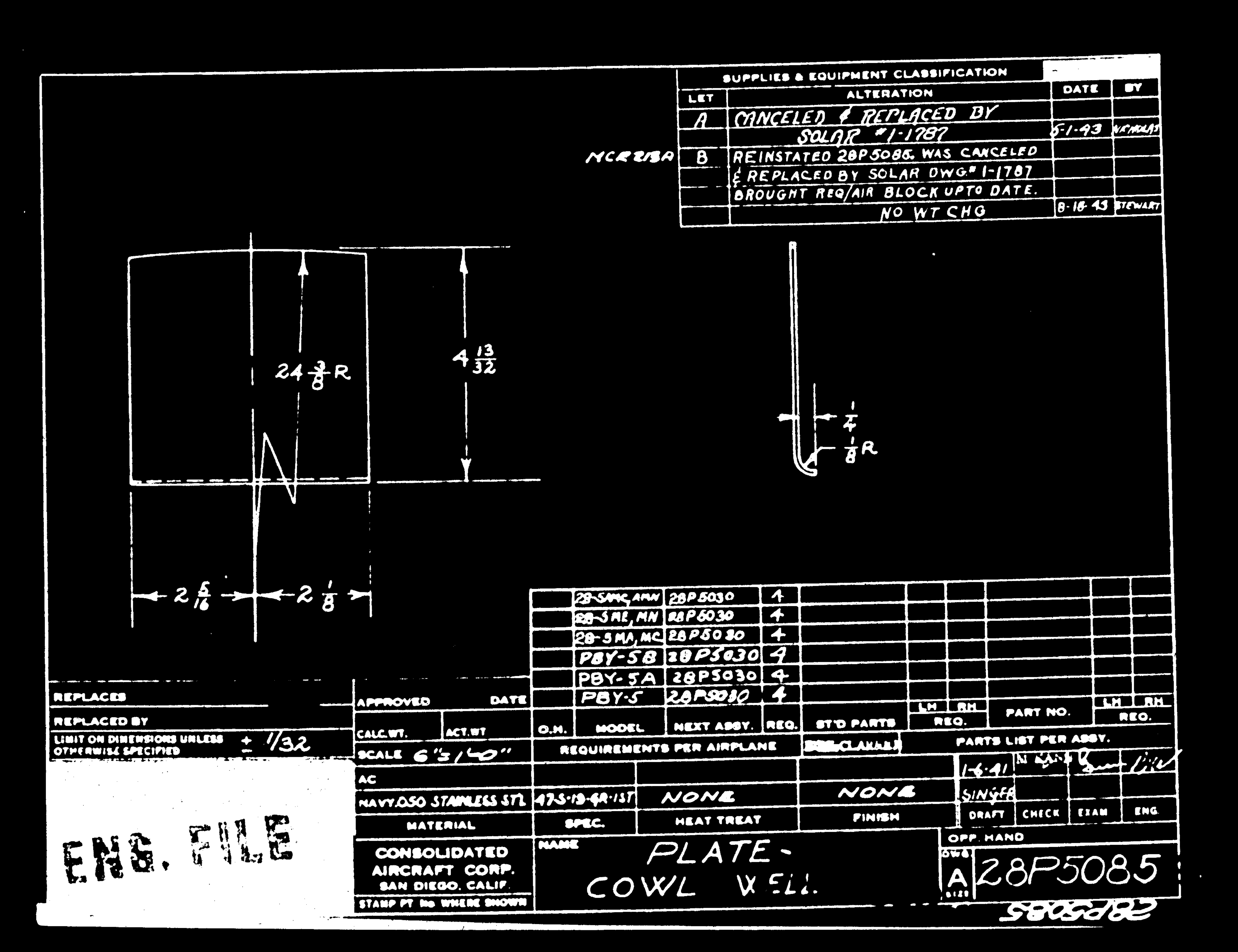
28P5077



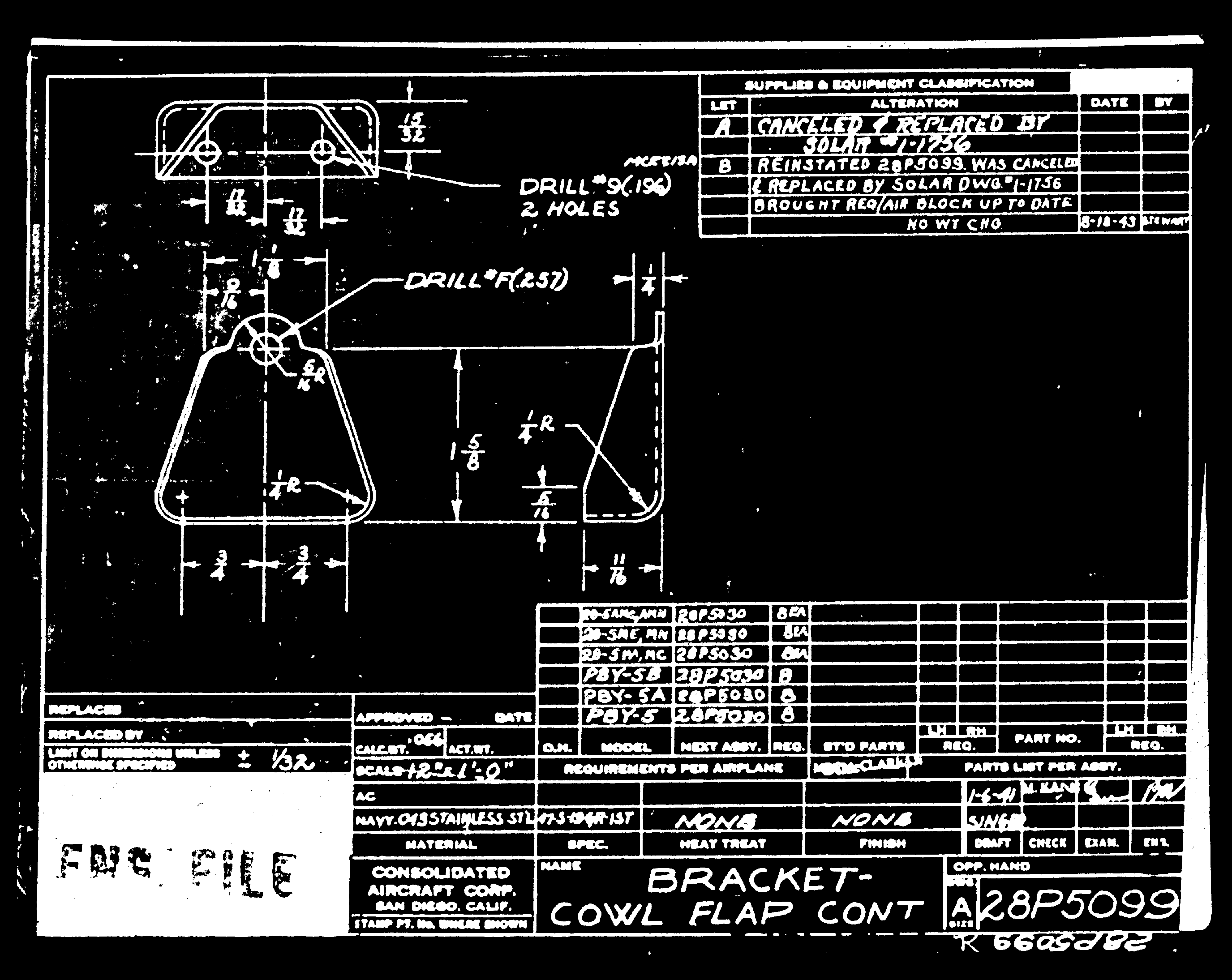
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
CANCELED & REPLACED BY SOLAR #1-1762
5-3-43
B
REINSTATED 28P5078 WAS CANCELED & REPLACED BY SOLAR DWG # 1-1762. BROUGHT REQ/AIR BLOCK UP TO DATE. NO WT. CHG.
8-19-43
STEWART
9 11/16
4 11/16
1 3/4
45°
5/8
24 3/8 R
1/16 R
28-5AMC AMN
28P5144
2EA
28-5ME MN
28P5144
2EA
28-5MA NC
28P5144
PBY-5B
28P5144
2
PBY-5A
28P5144
2
PBY-5
28P5144
2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
CALC.WT.
ACT.WT.
O.N.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
AC
1-6-41
NAVY .050 STAINLESS STL
NONE
NONE
SINGE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
ENG. FILE
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
ANGLE - COWL
OPP. HAND —
A
SIZE
28P5078



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | CANCELED & REPLACED BY SOLAR #1-1763 | 5-1-43
MCE213A
B | REINSTATED 28P5079 WAS CANCELLED & REPLACED BY SOLAR DWG #1-1763 BROUGHT REQ/AIR BLOCK UP TO DATE NO WT CHG | 8-18-43 | STEWART
1/16
1/8
1/8 R
1
2
5/8
L&R | PBY-5A | 28P5098 | 2 EA
L&R | PBY-5A | 28P5144 | 2 EA
L/C | PBY-5 | 28P5098 | 2
L/C | PBY-5 | 28P5144 | 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
AC
1-6-41
NAVY .050 STAINLESS ST. | NONE | NONE
SINGER
MATERIAL | SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM. | ENG.
ENG. FILE
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME CLIP - REINFORCING COWL WELL
OPP. HAND 28P5079-
A 28P5079



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
CANCELED & REPLACED BY SOLAR #1-1787
5-1-43
NICHOLAS
NCR 2153A
B
REINSTATED 28P5085. WAS CANCELED & REPLACED BY SOLAR DWG# 1-1787 BROUGHT REQ/AIR BLOCK UP TO DATE. NO WT CHG
8-18-43
STEWART
24 3/8 R
4 13/32
2 5/16
2 1/8
1/4
1/8 R
28-5AMC, AMN
28-5ME, MN
28-5MA, MC
PBY-5B
PBY-5A
PBY-5
28P5030
4
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT
SCALE 6"=1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
AC
1-6-41
SINGER
NAVY.050 STAINLESS STL
47-S-19-GR-1ST
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT No WHERE SHOWN
NAME
PLATE - COWL WELL
DWG
A
SIZE
28P5085
ENG. FILE


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
CANCELED & REPLACED BY SOLAR #1-1756
B
REINSTATED 28P5099. WAS CANCELED & REPLACED BY SOLAR DWG #1-1756
BROUGHT REQ/AIR BLOCK UP TO DATE
NO WT CHG
8-18-43
STEWART
15/32
DRILL #9(.196) 2 HOLES
17/32
17/32
1 1/8
9/16
DRILL #F(.257)
1/4
5/16 R
1 5/8
1/4 R
1/4 R
5/16
3/4
3/4
11/16
28-5AMC,ANN
28P5030
8EA
28-5ME,MN
28P5030
8EA
28-5M,MC
28P5030
8EA
PBY-5B
28P5030
8
PBY-5A
28P5030
8
PBY-5
28P5030
8
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
APPROVED
DATE
CALC.WT. .066
ACT.WT.
SCALE 12"=1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
AC
NAVY .019 STAINLESS STL
NONE
NONE
1-6-41
SINGER
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
ENG FILE
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BRACKET-
COWL FLAP CONT
OPP. HAND
A
SIZE
28P5099

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28P5035	4						
	PBY-5A	28P5035	4						
	PBY-5	28P5035	4						

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED DATE

.01 CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY 1/16" NEOPRENE SHEET	N-11	NONE	NONE	[illegible]	T-25-40 [illegible]	[illegible]	

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

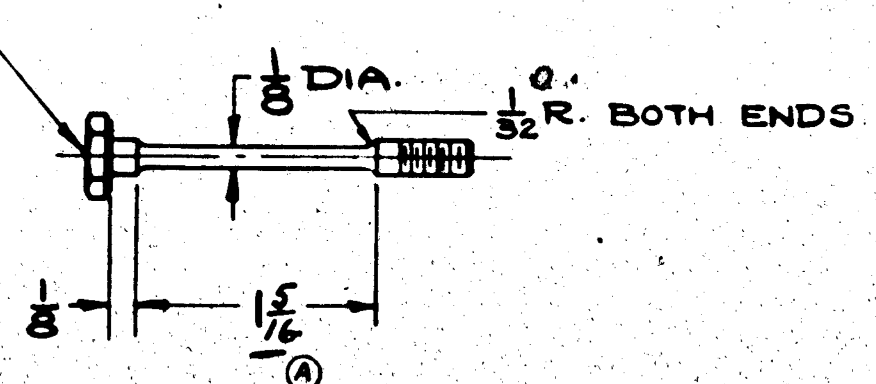
NAME PAD-SPECIAL-DZUS SPRING CLIP

OPP. HAND NONE

DWG. A SIZE 28P510L

LET	SUPPLIES & EQUIPMENT CLASSIFICATION ALTERATION	DATE	BY
A	CHANGED LENGTH 1 5/16 WAS 1 1/4	10-19-40	SINGER
B	IN REQ/AIR BLOCK CHG'D REQ TO (4) WAS (2) FOR PBY-5 #91 & ON & PBY-5A C NO.(B)4464 NO WT. CHG	8-3-43	SHAW

PBY-5 & 28-5ME



FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

MAKE FROM AN3-17A BOLT

c. 91876 #91 & on
C. NO.(B)4464 & ON
c. 70496 & c. 91876 # 1-90
c. 70496, 77113 & 88476 ONLY

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5	28P035	4						
	PBY-5A	28P035	4						
	PBY-5	28P035	2						
	PBY-5B	28P035	2						
	PBY-5A	28P035	2						
	28-5'S	28P035	24						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES E.O. # 23036
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.015

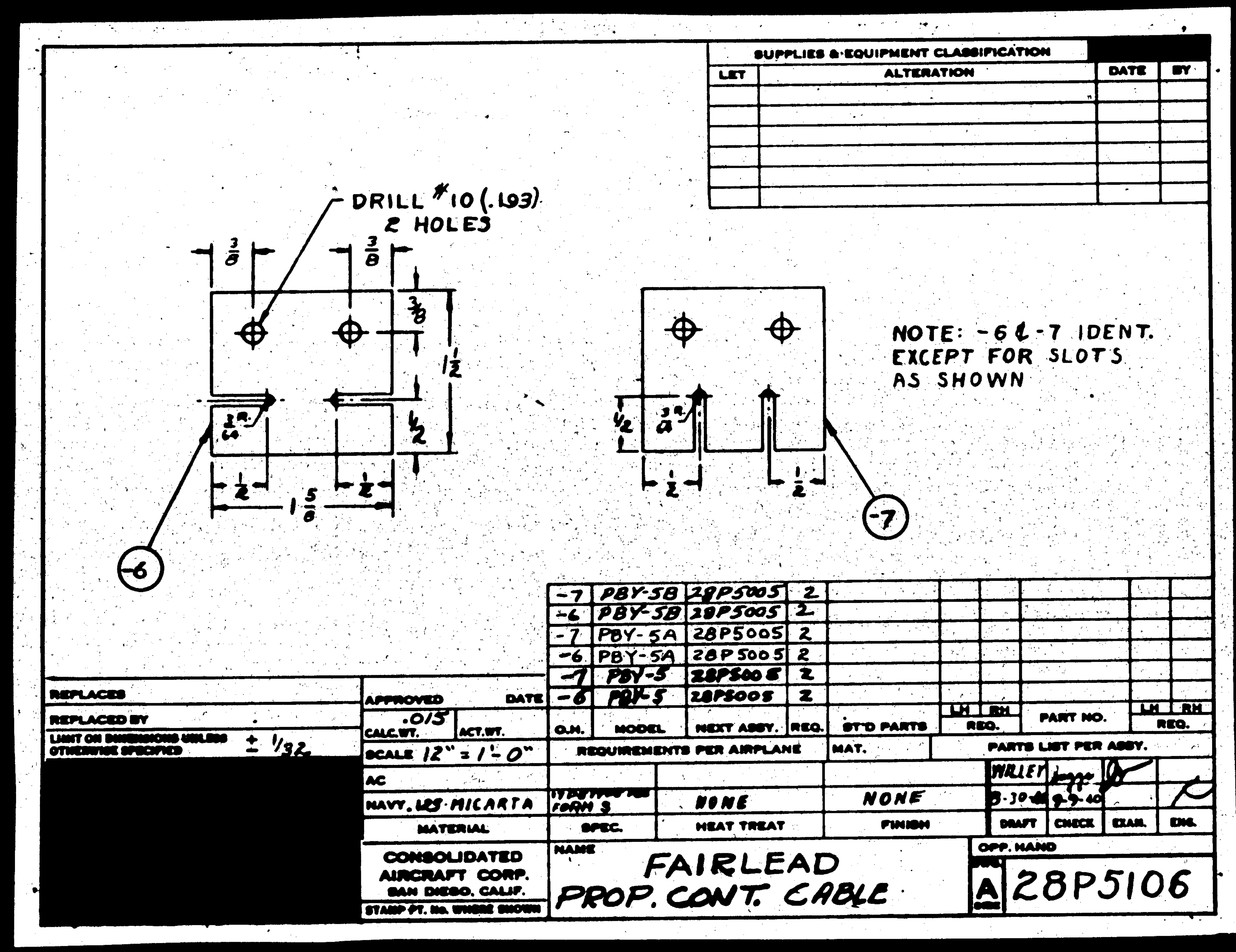
APPROVED — DATE
CALC.WT. .023 — ACT.WT.
SCALE 12" = 1'-0" — MAT. [illegible]
AC
NAVY NOTED

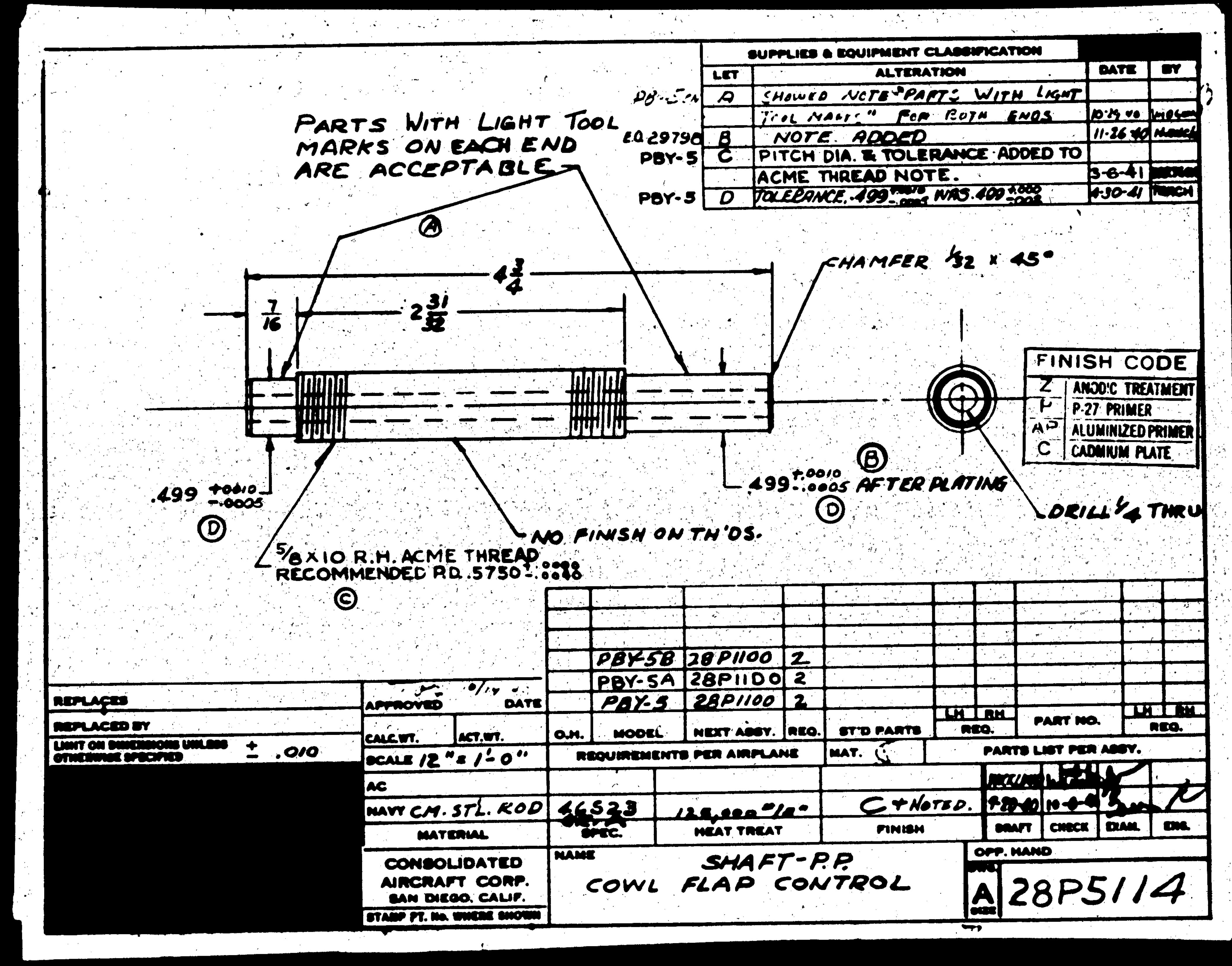
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY NOTED	—	—	C	8-27-40 THURBER	[illegible]		[illegible]

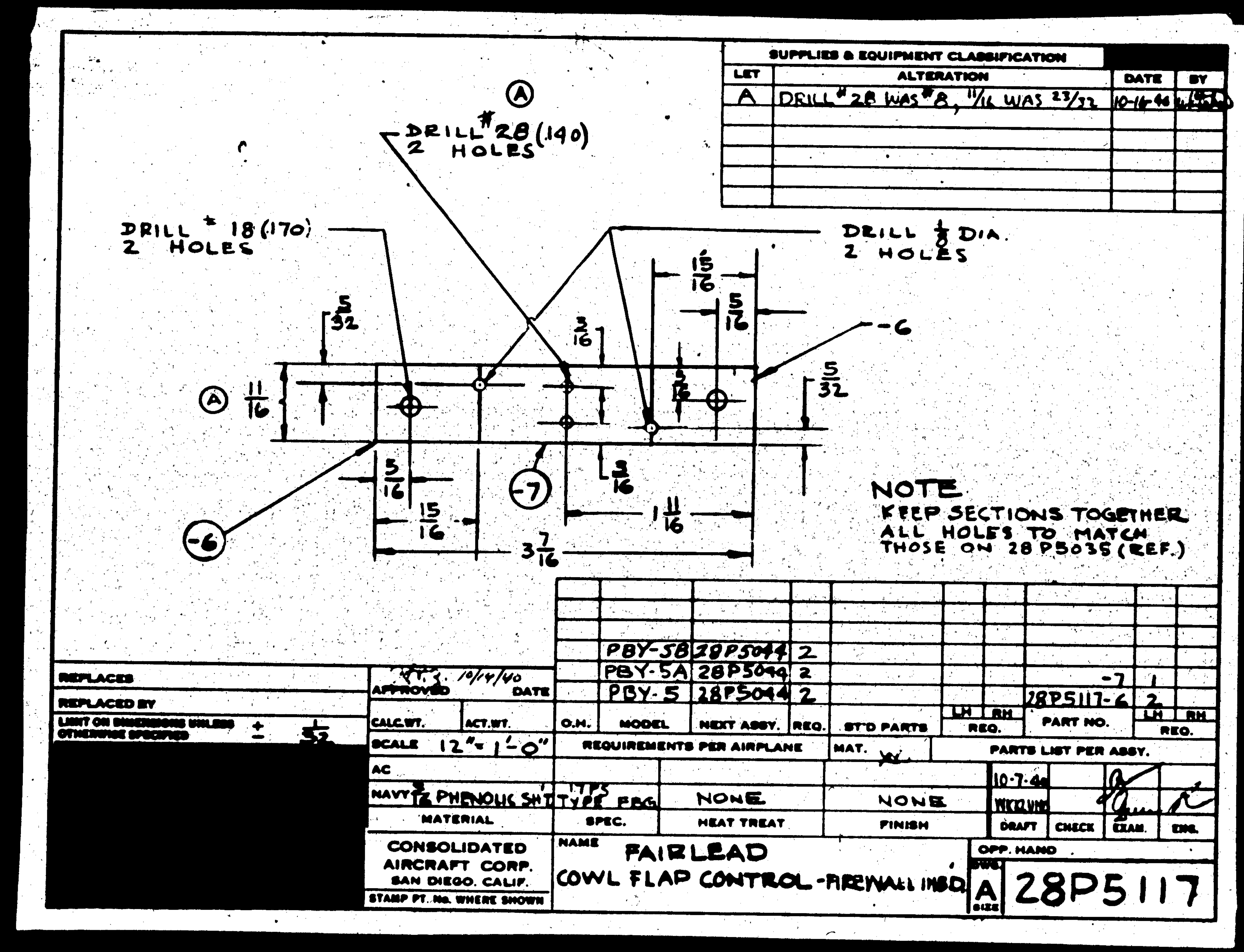
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

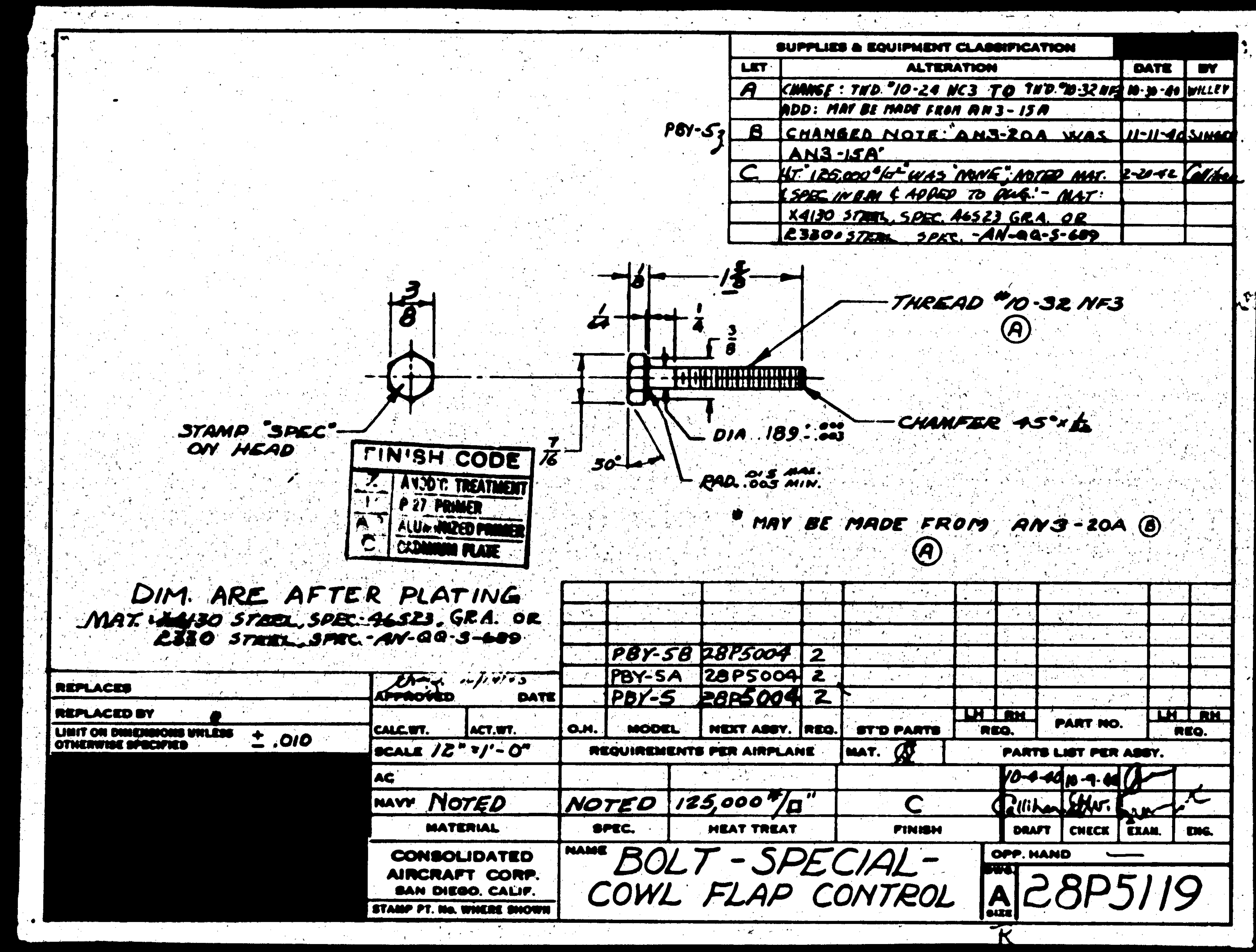
NAME
BOLT-SPECIAL-PULLEY
INST.-ENG. CONTROLS-F.S.

OPP. HAND
SIZE A
28P5103


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
DRILL #10 (.193)
2 HOLES
3/8
3/8
3/8
1 1/2
1/2
3/64 R.
1/2
1/2
1 5/8
-6
1/2
3/64 R.
1/2
1/2
-7
NOTE: -6 & -7 IDENT.
EXCEPT FOR SLOTS
AS SHOWN
-7 PBY-5B 28P5005 2
-6 PBY-5B 28P5005 2
-7 PBY-5A 28P5005 2
-6 PBY-5A 28P5005 2
-7 PBY-5 28P5005 2
-6 PBY-5 28P5005 2
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
.015
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY
MICARTA
FORM 3
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
WILLEY
9-9-40
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
FAIRLEAD
PROP. CONT. CABLE
OPP. HAND
A
28P5106

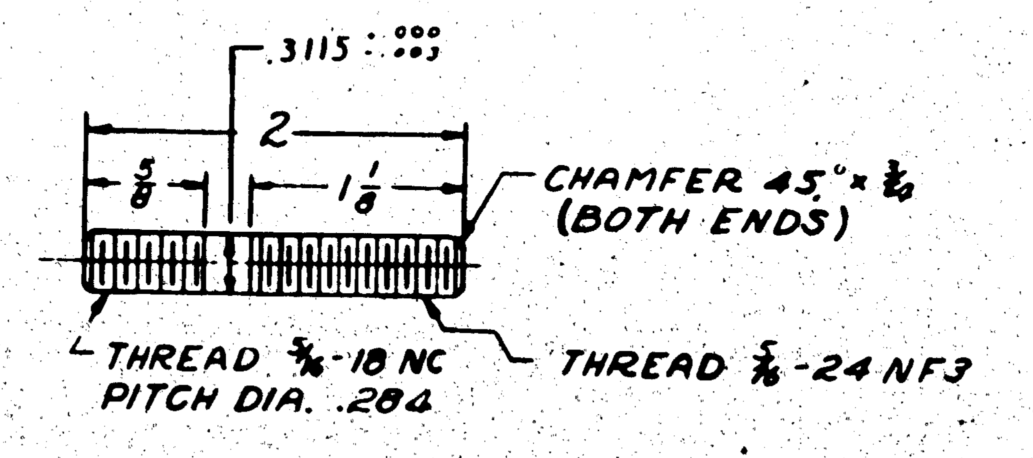

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A SHOWED NOTE "PARTS WITH LIGHT TOOL MARKS" FOR BOTH ENDS 10-14-40
B NOTE ADDED 11-26-40
PBY-5 C PITCH DIA. & TOLERANCE ADDED TO ACME THREAD NOTE. 3-6-41
PBY-5 D TOLERANCE .499 WAS .499 4-30-41
PARTS WITH LIGHT TOOL MARKS ON EACH END ARE ACCEPTABLE
CHAMFER 1/32 x 45°
4 3/4
7/16
2 31/32
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
.499 +.0010 -.0005
.499 +.0010 -.0005 AFTER PLATING
DRILL 1/4 THRU
NO FINISH ON TH'DS.
5/8 X 10 R.H. ACME THREAD RECOMMENDED P.D. .5750
PBY-5B 28P1100 2
PBY-5A 28P1100 2
PBY-5 28P1100 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED DATE
CALC.WT. ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY CM. STL. ROD 46S23 125,000#/□" C+NOTED.
MATERIAL SPEC. HEAT TREAT FINISH
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE MAT. PARTS LIST PER ASSY.
DRAFT CHECK DIAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME SHAFT-P.P. COWL FLAP CONTROL
OPP. HAND
A 28P5114


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
DRILL #28 WAS #8, 11/16 WAS 23/32
10-16-46
A
DRILL #28 (.140)
2 HOLES
DRILL # 18 (.170)
2 HOLES
DRILL 1/8 DIA.
2 HOLES
15/16
5/16
5/32
3/16
-6
A
11/16
3/16
5/32
5/16
-7
3/16
15/16
1 11/16
-6
3 7/16
NOTE
KEEP SECTIONS TOGETHER
ALL HOLES TO MATCH
THOSE ON 28P5035 (REF.)
PBY-5B
28P5044
2
PBY-5A
28P5044
2
-7
1
PBY-5
28P5044
2
28P5117-6
2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
10/14/40
APPROVED
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
10-7-40
NAVY
3/16 PHENOLIC SHT TYPE FBG
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
FAIRLEAD
COWL FLAP CONTROL - FIREWALL INBD.
OPP. HAND
DWG
A
SIZE
28P5117



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | CHANGE: THD. #10-24 NC3 TO THD. #10-32 NF3 | 10-30-40 | WILLEY
ADD: MAY BE MADE FROM AN3-15A
PBY-5
B | CHANGED NOTE: "AN3-20A WAS AN3-15A" | 11-11-40
C | HT. "125,000#/□" WAS "NONE"; NOTED MAT. SPEC IN B.M. & ADDED TO DWG. - MAT: X4130 STEEL, SPEC. 46S23 GR.A. OR 2330 STEEL SPEC. -AN-QQ-S-689 | 2-20-42
3/8
1/8
1 5/8
THREAD #10-32 NF3 (A)
1/4
1/4
3/8
STAMP "SPEC" ON HEAD
CHAMFER 45° x 1/32
DIA .189 +.000 -.003
7/16
30°
RAD. .015 MAX. .005 MIN.
FINISH CODE
ANODIC TREATMENT
P 27 PRIMER
ALUMINIZED PRIMER
C CADMIUM PLATE
* MAY BE MADE FROM AN3-20A (B)
(A)
DIM. ARE AFTER PLATING
MAT. X4130 STEEL, SPEC. 46S23, GR.A. OR 2330 STEEL SPEC. -AN-QQ-S-689
PBY-5B 28P5004 2
PBY-5A 28P5004 2
PBY-5 28P5004 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED DATE
CALC.WT. ACT.WT.
O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
125,000#/□"
C
10-4-40
10-9-40
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME BOLT - SPECIAL - COWL FLAP CONTROL
OPP. HAND —
DWG. SIZE A
28P5119

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

33 SHIPS

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28P5026	4						
	PBY-5A	28P5026	4						
	PBY-5	28P5026	4						

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED [illegible] DATE 11/[illegible]

CALC. WT. .04 — ACT. WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY C.M. STEEL ROD	46S23 (GRADE A)	150,000 #/□"	C

DRAFT	CHECK	EXAM.	ENG.
[illegible] 11-5-40	[illegible] 11-[illegible]-40	[illegible]	[illegible]

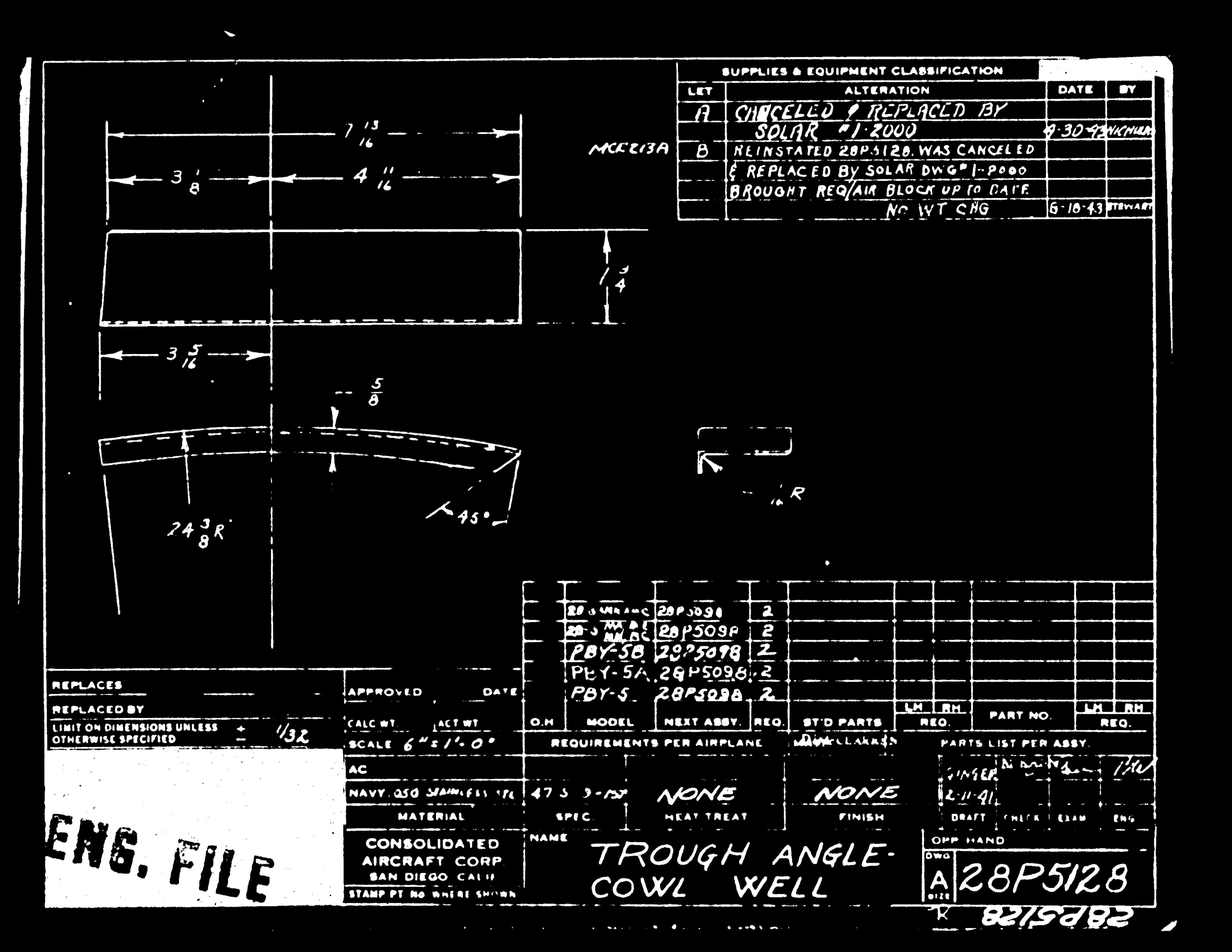
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

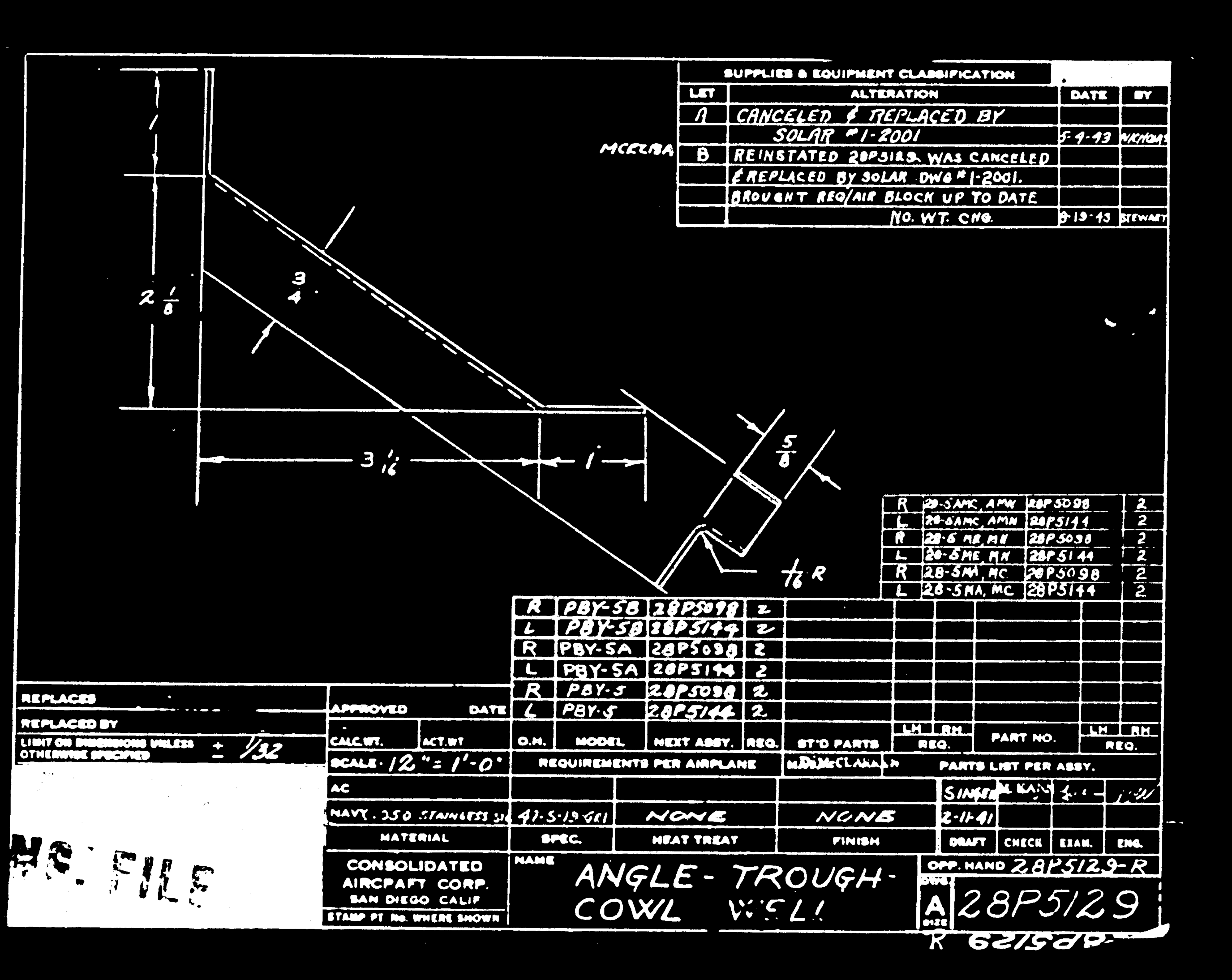
NAME: STUD - POWER PLANT SPECIAL STARTER

OPP. HAND

SIZE A 28P5124



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
CANCELED & REPLACED BY
SOLAR #1-2000
9-30-43
MCE213A
B
REINSTATED 28P5128. WAS CANCELED
& REPLACED BY SOLAR DWG# 1-2000
BROUGHT REQ/AIR BLOCK UP TO DATE
NO WT CHG
6-18-43
STEWART
7 13/16
3 1/8
4 11/16
1 3/4
3 5/16
5/8
24 3/8 R
45°
R
PBY-5B
28P5098
2
PBY-5A
28P5098
2
PBY-5
28P5098
2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
APPROVED
DATE
CALC WT
ACT WT
SCALE 6" = 1'-0"
O.H
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
AC
NAVY .050 STAINLESS STL
NONE
NONE
2-11-41
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG
ENG. FILE
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO CALIF
STAMP PT No WHERE SHOWN
NAME
TROUGH ANGLE-
COWL WELL
OPP HAND
DWG
A
SIZE
28P5128



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | CANCELED & REPLACED BY SOLAR #1-2001 | 5-4-43 | NICHOLS
B | REINSTATED 28P5129 WAS CANCELED & REPLACED BY SOLAR DWG #1-2001. BROUGHT REQ/AIR BLOCK UP TO DATE NO. WT. CHG. | 8-19-43 | STEWART
MCEZBA
2 1/8
3/4
3 1/16
1
5/8
1/16 R
R | 28-5AMC, AMN | 28P5098 | 2
L | 28-5AMC, AMN | 28P5144 | 2
R | 28-5 ME, MN | 28P5098 | 2
L | 28-5ME, MN | 28P5144 | 2
R | 28-5MA, MC | 28P5098 | 2
L | 28-5MA, MC | 28P5144 | 2
R | PBY-5B | 28P5098 | 2
L | PBY-5B | 28P5144 | 2
R | PBY-5A | 28P5098 | 2
L | PBY-5A | 28P5144 | 2
R | PBY-5 | 28P5098 | 2
L | PBY-5 | 28P5144 | 2
O.H. | MODEL | NEXT ASSY. | REQ. | STD PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED DATE
CALC.WT. ACT.WT
SCALE 12" = 1'-0"
AC
NAVY .250 STAINLESS ST | 47-S-19 GR1 | NONE | NONE | 2-11-41
MATERIAL | SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF
STAMP PT No. WHERE SHOWN
NAME ANGLE - TROUGH - COWL WELL
OPP. HAND 28P5129-R
A SIZE 28P5129
R 28P5129
FILE

STAINLESS STEEL.
SPEC. ANQQ-S-757

1/8 DIA. 6 HOLES TO BE PUNCHED

2 3/4 D

1 3/4 D

1 1/8 R

.018

LET	ALTERATION	DATE	BY
	SUPPLIES & EQUIPMENT CLASSIFICATION		

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5	28P5144	1						
	28-5 ALL	28P5144	1						
	PBY-5A	28P5144	1						

REPLACES SOLAR #1-2019

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32.

APPROVED DATE

CALC. WT. ACT. WT.

SCALE 12" = 1' 0"

REQUIREMENTS PER AIRPLANE

MAT.

PARTS LIST PER ASSY.

AC

NAVY NOTED. NOTED

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NOTED.	NOTED	-	—	5/15/41 Scott			

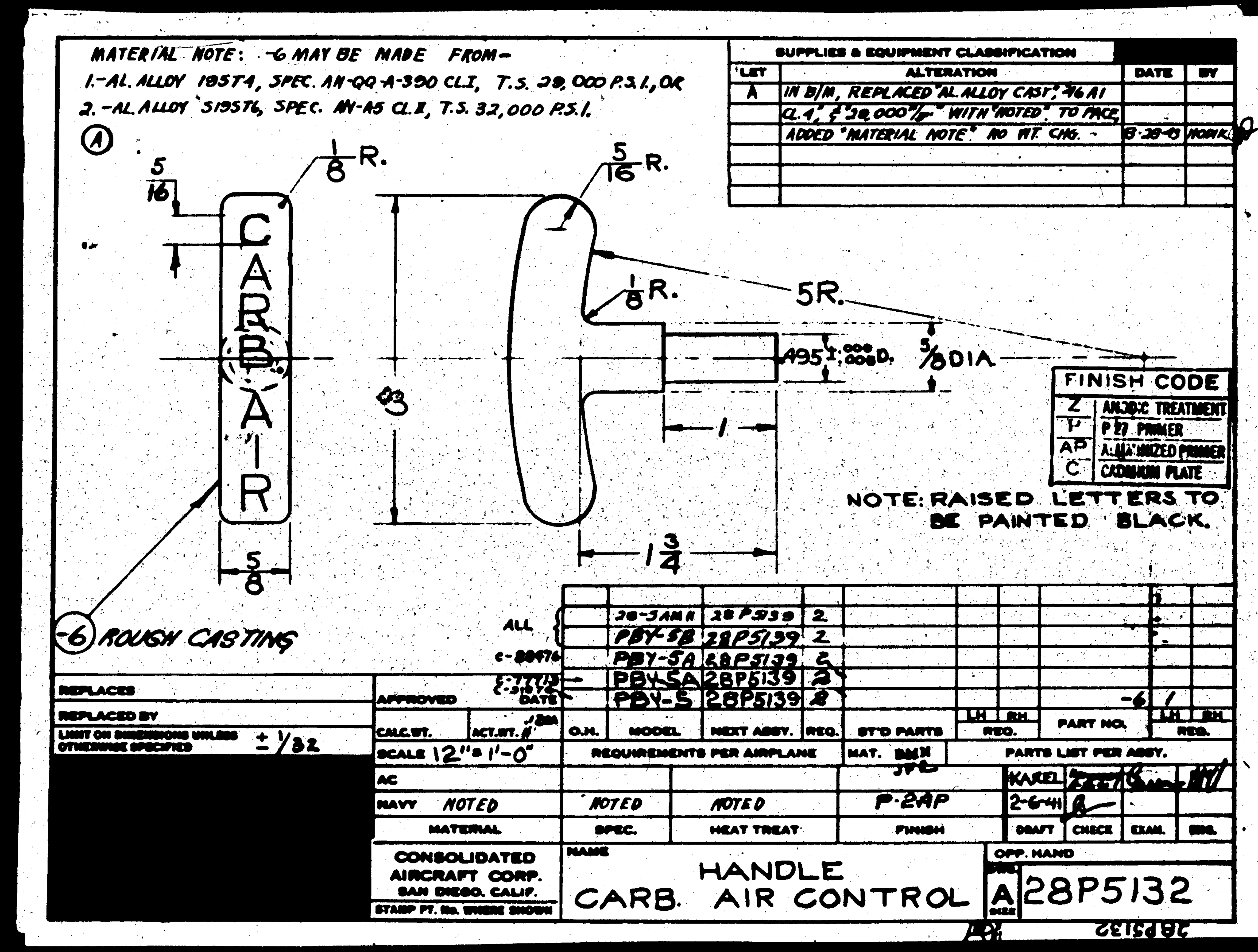
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME FLANGE - REINF.

OPP. HAND

SIZE A 28P5130



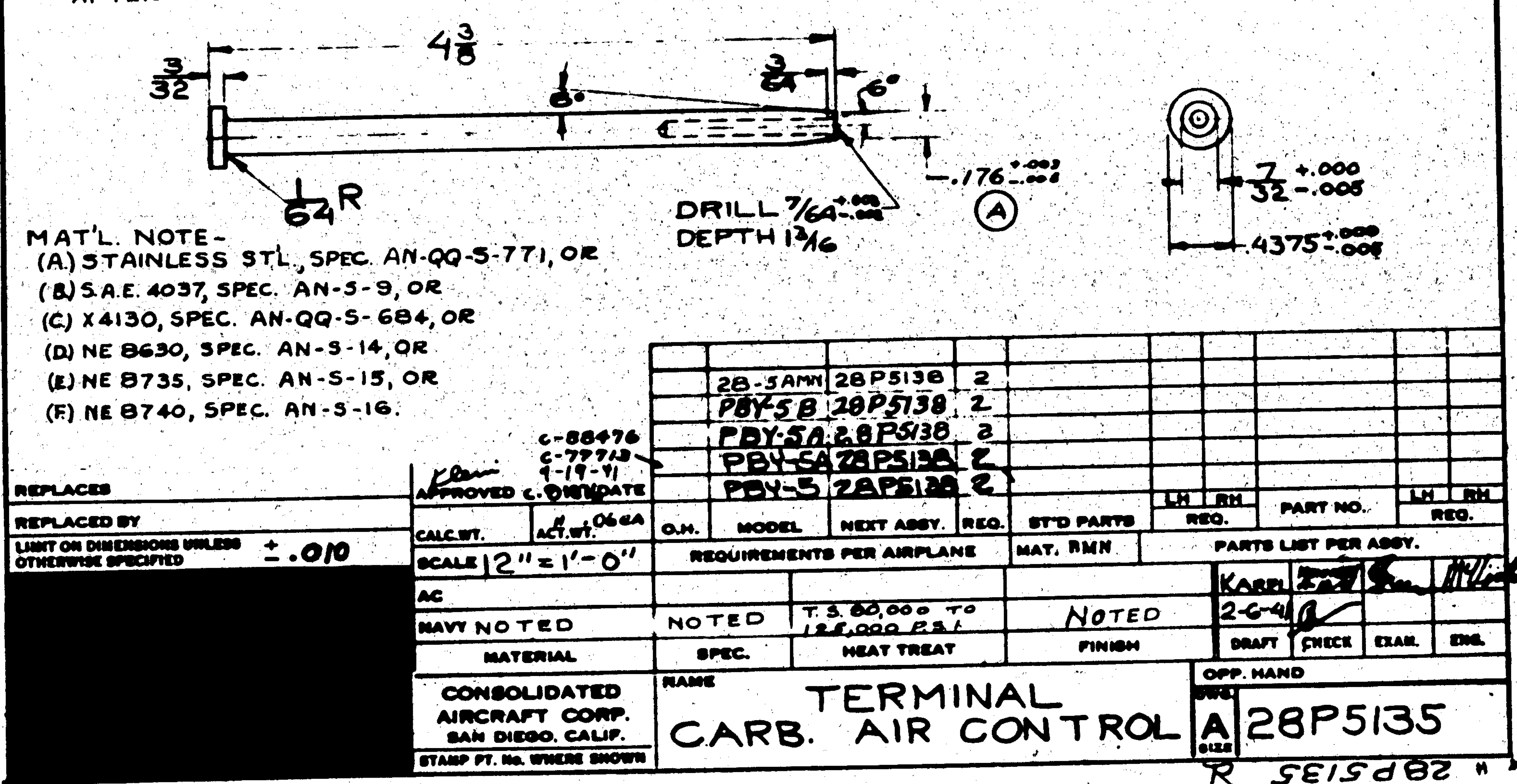
MATERIAL NOTE: -6 MAY BE MADE FROM-
1.-AL. ALLOY 195T4, SPEC. AN-QQ-A-390 CL.I, T.S. 29,000 P.S.I., OR
2.-AL. ALLOY 5195T6, SPEC. AN-A5 CL.II, T.S. 32,000 P.S.I.
A
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
IN B/M, REPLACED "AL. ALLOY CAST; 46 A1 CL.4, & 30,000#/□" WITH "NOTED" TO FACE, ADDED "MATERIAL NOTE". NO WT. CHG.
8-29-43
5/16
1/8 R.
5/16 R.
CARB AIR
1/8 R.
5R.
.495 +.000 -.005 D.
5/8 DIA.
3
1
1 3/4
5/8
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ANODIZED PRIMER
C CADMIUM PLATE
NOTE: RAISED LETTERS TO BE PAINTED BLACK.
-6 ROUGH CASTING
ALL
28-5AMA 28P5139 2
PBY-5B 28P5139 2
c-80476 PBY-5A 28P5139 2
PBY-5A 28P5139 2
PBY-5 28P5139 2
-6 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NOTED
P-2AP
KAREL
2-6-41
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
HANDLE
CARB. AIR CONTROL
OPP. HAND
A
28P5132

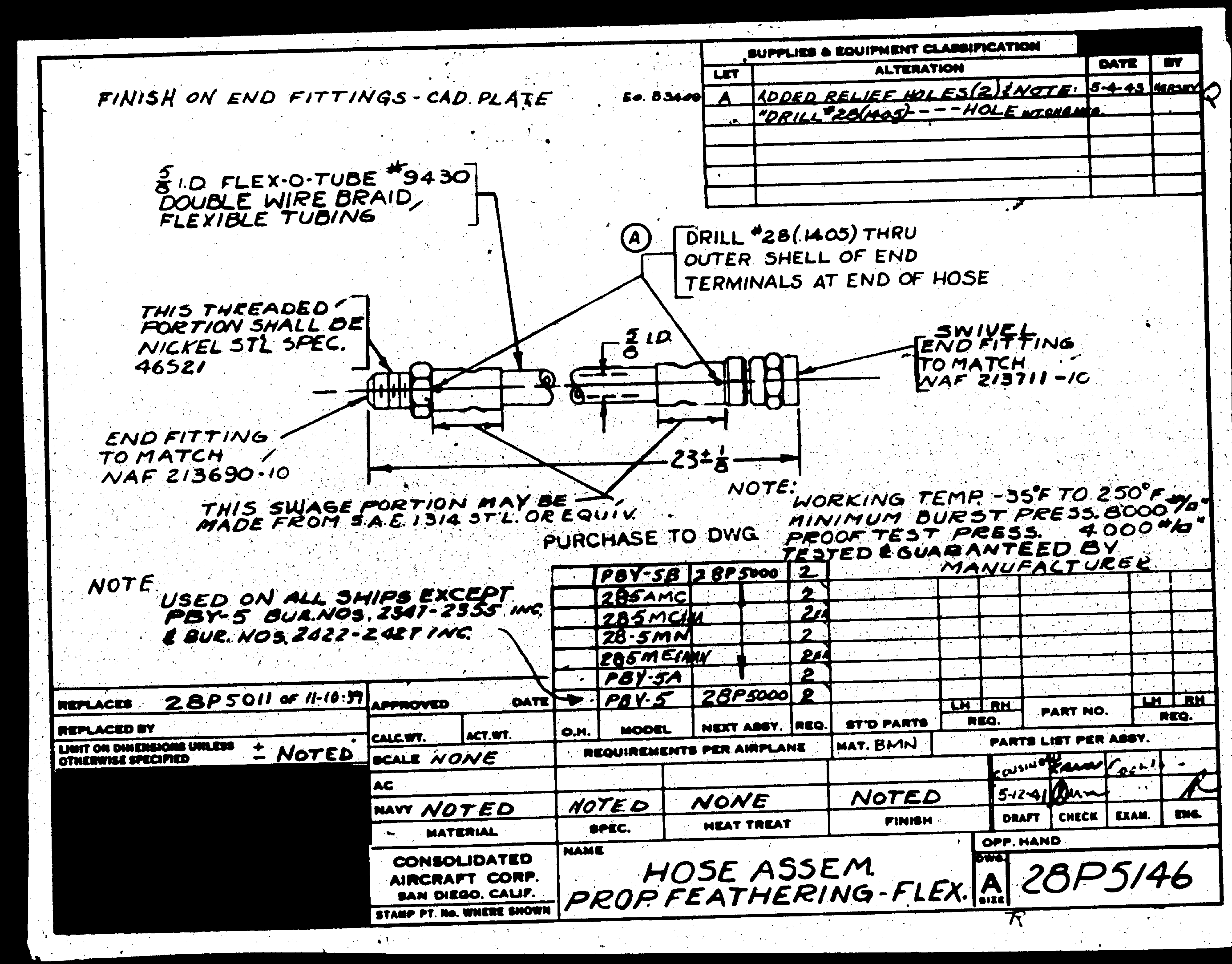
EDC 15477
PBY-5A & OA-10

SUPPLIES & EQUIPMENT CLASSIFICATION

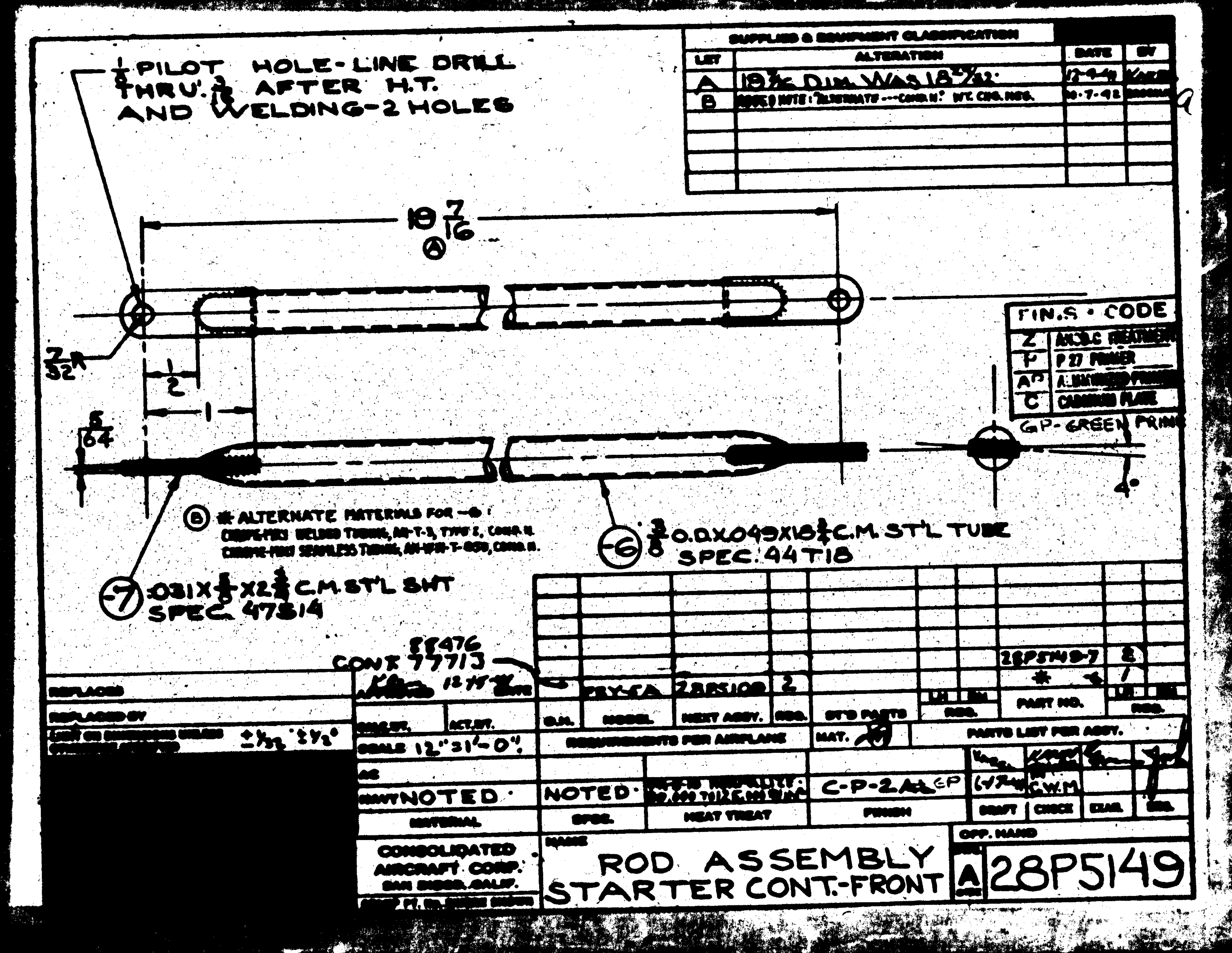
LET	ALTERATION	DATE	BY
A	CHG'D DIM. .176 +.003/-.005 WAS 3/16	9-15-41	[signature]
B	IN B/M, REPLACED "ST. ST'L." & SPEC. "46S1B GR.7E" WITH "NOTED", H.T. & FINISH WAS "NONE"		
	ADDED FINISH & MAT'L NOTES. NO WT. CHG.	7-22-43	[signature]

FINISH NOTE-
FOR CORR. RESISTANT STEEL - NONE.
FOR ALL OTHER MAT'LS. - CADMIUM PLATE BEFORE SWAGING; 2 COATS ZINC CHROMATE PRIMER AFTER SWAGING.

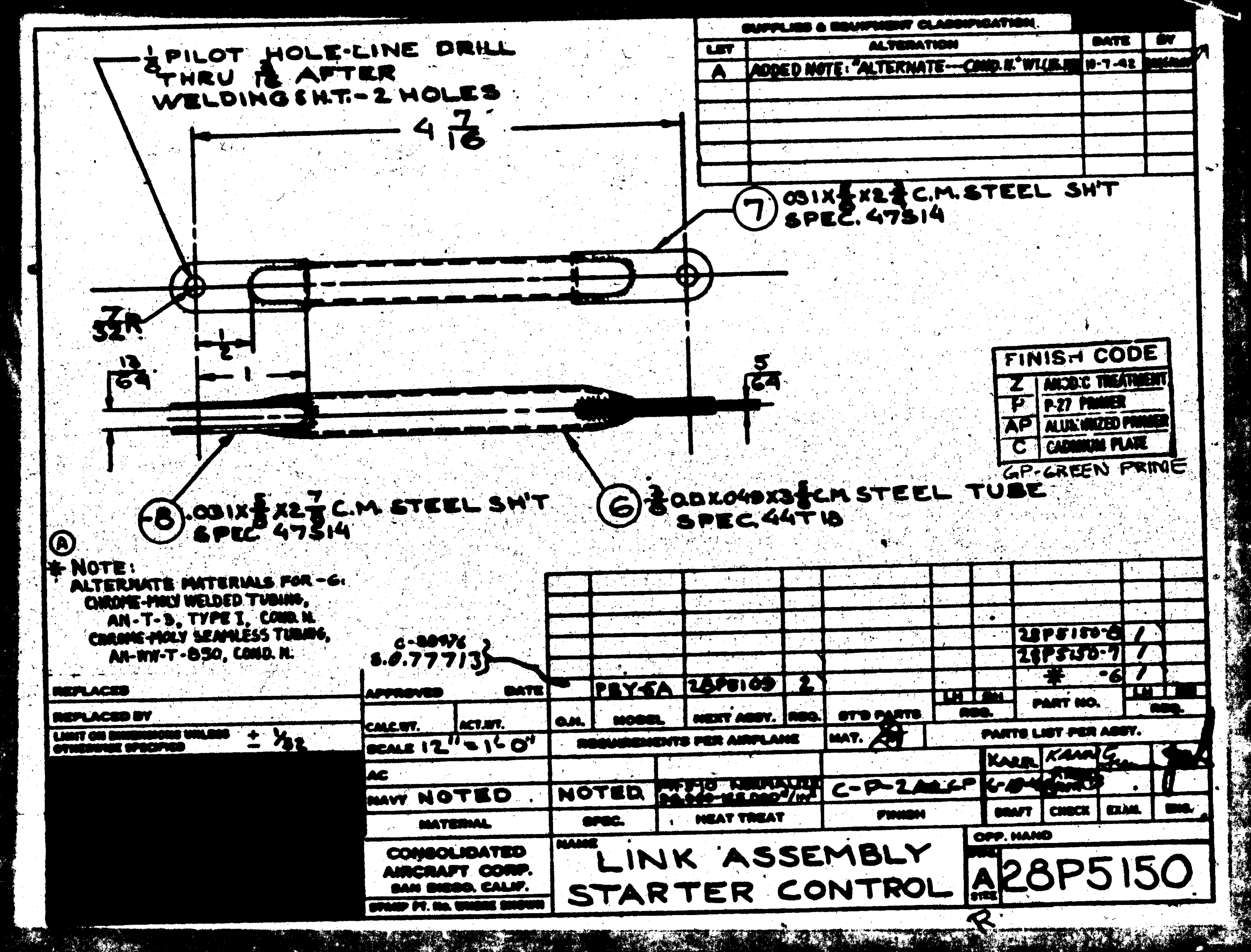




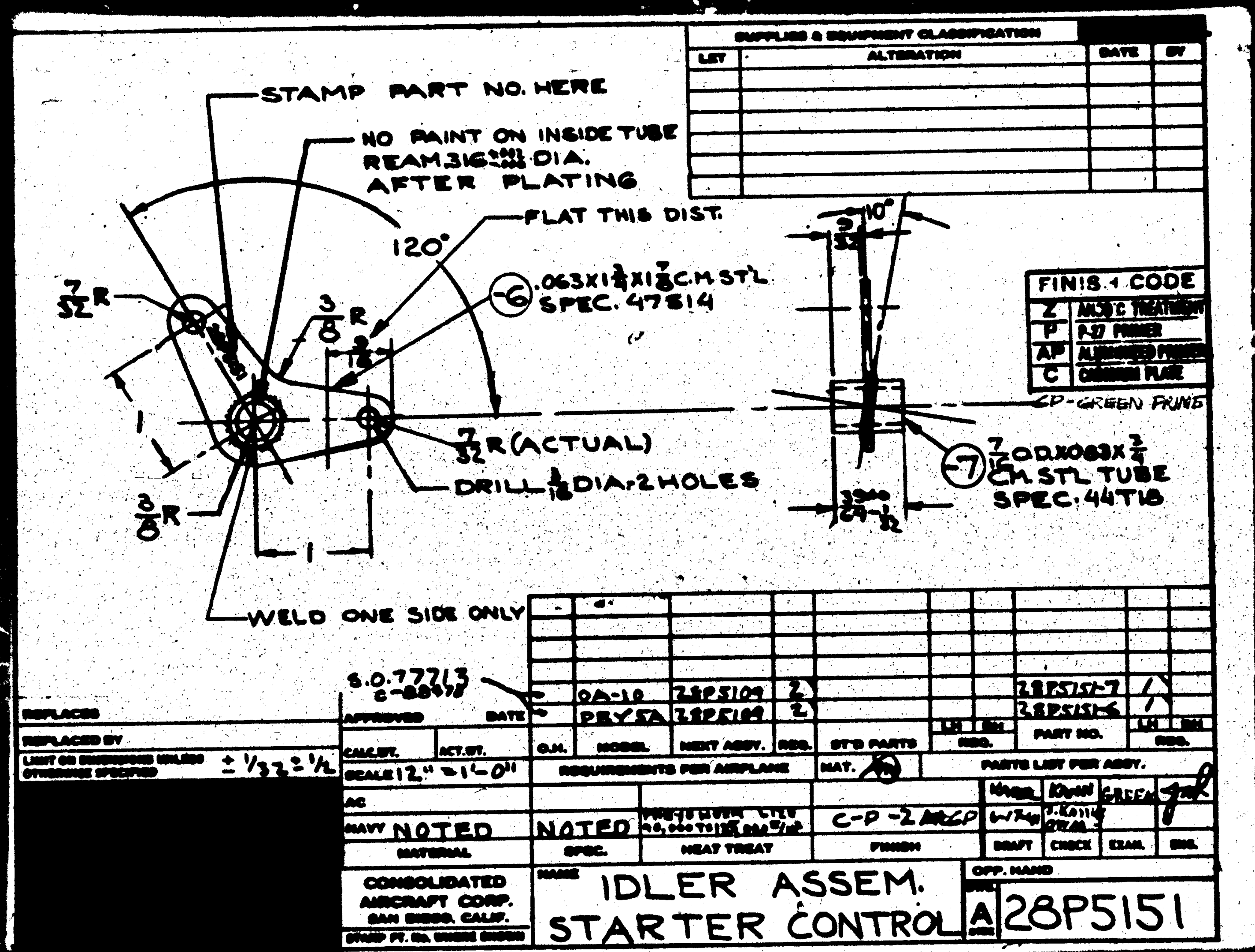
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ADDED RELIEF HOLES (2) & NOTE: "DRILL #28(.1405) - - - HOLE
5-4-43
FINISH ON END FITTINGS - CAD. PLATE
5/8 I.D FLEX-O-TUBE #9430 DOUBLE WIRE BRAID, FLEXIBLE TUBING
A
DRILL #28(.1405) THRU OUTER SHELL OF END TERMINALS AT END OF HOSE
THIS THREADED PORTION SHALL BE NICKEL STL SPEC. 46521
5/8 I.D
SWIVEL END FITTING TO MATCH NAF 213711-10
END FITTING TO MATCH NAF 213690-10
23 ± 1/8
THIS SWAGE PORTION MAY BE MADE FROM S.A.E. 1314 ST'L. OR EQUIV.
PURCHASE TO DWG
NOTE: WORKING TEMP. -35°F TO 250°F
MINIMUM BURST PRESS. 8000 #/□"
PROOF TEST PRESS. 4000 #/□"
TESTED & GUARANTEED BY MANUFACTURER
NOTE
USED ON ALL SHIPS EXCEPT PBY-5 BUR.NOS. 2347-2355 INC. & BUR. NOS. 2422-2427 INC.
PBY-5B 28P5000 2
28-5AMC 2
28-5MC 2
28-5MN 2
28-5ME 2
PBY-5A 2
PBY-5 28P5000 2
REPLACES 28P5011 OF 11-10-39
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± NOTED
APPROVED
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE NONE
REQUIREMENTS PER AIRPLANE
MAT. BMN
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NONE
NOTED
5-12-41
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO. CALIF.
STAMP PT. No. WHERE SHOWN
NAME
HOSE ASSEM.
PROP. FEATHERING - FLEX.
DWG.
A
SIZE
28P5146



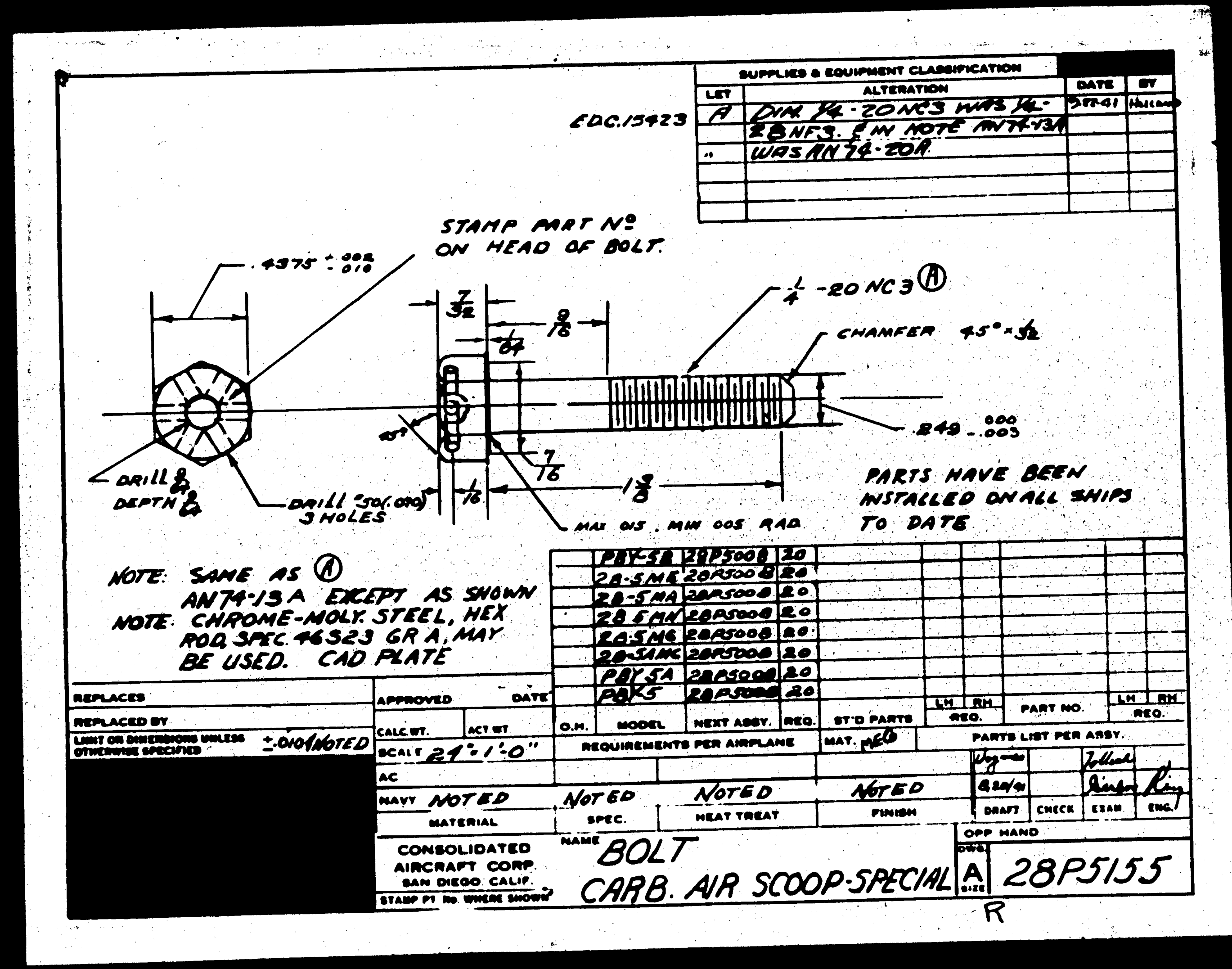
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
B
1/8 PILOT HOLE-LINE DRILL THRU 3/16 AFTER H.T. AND WELDING-2 HOLES
18 7/16
A
7/32 R
1/2
1
5/64
4°
FIN.S • CODE
Z
P
P 27 PRIMER
A
C
GP-GREEN PRIME
B
ALTERNATE MATERIALS FOR -6
-6
3/8 O.D.X.049X18 3/4 C.M. ST'L TUBE
SPEC. 44T18
-7
.031X 5/8 X2 3/8 C.M. ST'L SHT
SPEC. 47S14
CONT 77713
REPLACED
REPLACED BY
CALC.WT.
ACT.WT.
SCALE 12"=1'-0"
PART NO.
REQ.
MODEL
NEXT ASSY.
STD PARTS
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
MAT.
NOTED
NOTED
C-P-2
C.W.M.
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
OPP. HAND
ROD ASSEMBLY
STARTER CONT.-FRONT
A
28P5149



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ADDED NOTE: "ALTERNATE---COND. N." W/ (8. NE)
10-7-42
1/8 PILOT HOLE-LINE DRILL THRU 1/8 AFTER WELDING & H.T.-2 HOLES
4 7/16
7
.031X 5/8 X2 7/8 C.M. STEEL SH'T SPEC. 47S14
7/32 R
1/2
1
13/64
5/64
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
GP-GREEN PRIME
8
.031X 5/8 X2 7/8 C.M. STEEL SH'T SPEC 47S14
6
3/8 O.D.X.049X3 5/8 C.M. STEEL TUBE SPEC. 44T18
A
* NOTE:
ALTERNATE MATERIALS FOR -6:
CHROME-MOLY WELDED TUBING, AN-T-3, TYPE I, COND. N.
CHROME-MOLY SEAMLESS TUBING, AN-WW-T-850, COND. N.
C-80976
S.O. 77713
28P5150-8 1
28P5150-7 1
* -6 1
PBY-5A
28P5109
2
REPLACES
APPROVED
DATE
REPLACED BY
CALC.WT.
ACT.WT.
C.M.
MODEL
NEXT ASSY.
REQ.
STD PARTS
REQ.
PART NO.
REQ.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
C-P-2
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
LINK ASSEMBLY STARTER CONTROL
A
SIZE
28P5150
R



STAMP PART NO. HERE
NO PAINT ON INSIDE TUBE
REAM .316 DIA.
AFTER PLATING
FLAT THIS DIST.
120°
10°
7/32 R
3/8 R
3/16
-6 .063X1 3/4X1 7/8 C.M. STL
SPEC. 47S14
FINISH CODE
Z
P
AP
C
CP-GREEN PRIME
7/32 R (ACTUAL)
DRILL 3/16 DIA. 2 HOLES
-7 7/16 O.D. X .083 X 3/4
C.M. STL TUBE
SPEC. 44T18
3/8 R
1
1
WELD ONE SIDE ONLY
S.O. 77713
OA-10
PBY-5A
28P5109
28P5151-7
28P5151-6
REPLACES
REPLACED BY
APPROVED
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
PART NO.
REQ.
± 1/32 ± 1/2
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NAVY NOTED
NOTED
C-P -2
GREEN
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
NAME
IDLER ASSEM.
STARTER CONTROL
OPP. HAND
A
28P5151



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A DIM 1/4-20NC3 WAS 1/4-28NF3. & IN NOTE AN74-13A WAS AN74-20A
EDC.15923
STAMP PART No ON HEAD OF BOLT.
.4375 +.002 -.010
7/32
9/16
1/64
1/4-20NC3 (A)
CHAMFER 45° x 1/32
.249 -.000 -.003
7/16
1/16
1 3/8
DRILL 9/64 DEPTH 9/64
DRILL #50(.070) 3 HOLES
MAX .015 : MIN .005 RAD.
PARTS HAVE BEEN INSTALLED ON ALL SHIPS TO DATE
NOTE: SAME AS (A) AN74-13A EXCEPT AS SHOWN
NOTE: CHROME-MOLY STEEL, HEX ROD, SPEC. 46S23 GR A, MAY BE USED. CAD PLATE
PBY-5B 28P5008 20
28-5ME 28P5008 20
28-5MA 28P5008 20
28-5MN 28P5008 20
28-5MC 28P5008 20
28-5AMC 28P5008 20
PBY-5A 28P5008 20
PBY-5 28P5008 20
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010/NOTED
APPROVED
DATE
CALC. WT.
ACT. WT.
SCALE 2 1/2" = 1'-0"
AC
NAVY NOTED
MATERIAL
NOTED
SPEC.
NOTED
HEAT TREAT
NOTED
FINISH
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
DRAFT
CHECK
EXAM
ENG.
OPP HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.
STAMP PT No. WHERE SHOWN
NAME BOLT CARB. AIR SCOOP-SPECIAL
DWG. A SIZE
28P5155
R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

7/16-20 NF-3
THREADED END (REF)

19/32

1/8 PIPE THREAD
SPEC. AN-GGG-P-363
CHAMFER 1/32 x 45°

CAN
MAKE FROM AN822-4D
90° ELBOW - MACHINE &
FINISH PIPE THREADED
END TO DIM. SOWN.

ACA.122-2

G-91876

PURCHASE TO DWG.

	PBY-5	28P5168	2						
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.		PARTS LIST PER ASSY.			

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED | DATE

CALC.WT.	ACT.WT.
SCALE NONE	
AC	
NAVY	
MATERIAL	

SPEC.	HEAT TREAT	FINISH
—	—	2

DRAFT	CHECK	EXAM.	ENG.
9-26-42	9-28		

OPP. HAND —

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME: ELBOW - 90° BEND - STARTER OIL DRAIN

DWG. SIZE A — 28P5176

R

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]

LET	ALTERATION	DATE	BY

1 3/8

7/8

APPROVED FOR
TOOLING BY
E. E. Dalton
6-7-43

	28-5AMN	28P5006	2
	28-5AMC	↑	2
	PBY-5B		2
	PBY-5A		2
	28-5MN		2
	28-5ME		2
	28-5MC		2
	28-5MA	↓	2
	PBY-5	28P5005	2
O.H.	MODEL	NEXT ASSY.	REQ.
REQUIREMENTS PER AIRPLANE			

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT.

PARTS LIST PER ASSY.

REPLACES 28A2010-2

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED Delaney DATE 6-11-42

CALC.WT. .01 ACT.WT.

SCALE 12" = 1'0"

AC

NAVY

MATERIAL	SPEC.	HEAT TREAT	FINISH
	47A10	NONE	Z

DRAFT	CHECK	EXAM.	ENG.
5-17-42			

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

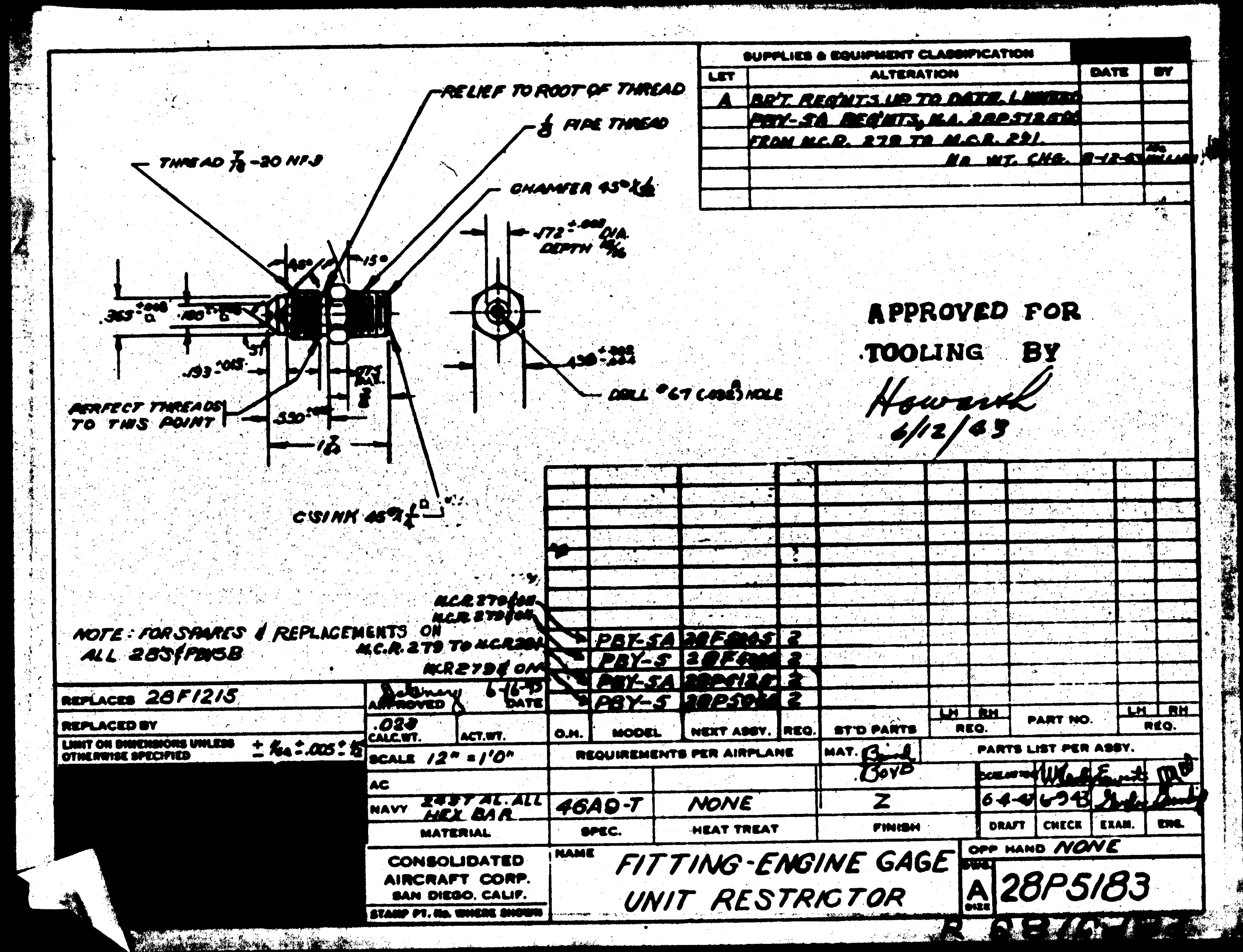
STAMP PT. No. WHERE SHOWN

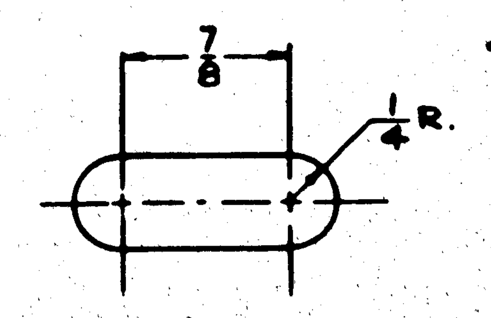
NAME FILLER BLOCK-POWER PLANT-ENG. CONTROL

OPP. HAND

DWG. SIZE A 28P5180

R 6-11-42 28P5180


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | BR'T. REQ'MTS UP TO DATE. LIMITED PBY-5A REQ'MTS, W.A. 28P5126 FROM M.C.R. 279 TO M.C.R. 291.
NO WT. CHG.
RELIEF TO ROOT OF THREAD
1/8 PIPE THREAD
THREAD 7/16 -20 NF-3
CHAMFER 45°
.172 DIA. DEPTH
15°
45°
.353
.180
.193 -.015
DRILL #67 HOLE
PERFECT THREADS TO THIS POINT
.530
1 7/32
C'SINK 45°
APPROVED FOR TOOLING BY
Howard
6/12/43
NOTE: FOR SPARES & REPLACEMENTS ON ALL 28S & PBY5B
M.C.R. 279 TO M.C.R. 291
M.C.R. 279 & ON
PBY-5A
PBY-5
PBY-5A
PBY-5
2
2
2
2
REPLACES 28F1215
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64 ± .005 ± 1/2
APPROVED
DATE
.028 CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
BOYD
PARTS LIST PER ASSY.
AC
NAVY 24ST AL. ALL HEX BAR
MATERIAL
46A9-T
SPEC.
NONE
HEAT TREAT
Z
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME FITTING-ENGINE GAGE UNIT RESTRICTOR
OPP HAND NONE
A
SIZE
28P5183



NOTE:
SAME AS & INTERCHANGEABLE WITH 29P2005-66.

APPROVED FOR TOOLING BY
Gosline 8-27-43

C. NOa(s) 464-
C. #91876 & C. NOa(s)1478

SUPPLIES & EQUIPMENT CLASSIFICATION	
LET	ALTERATION	DATE	BY

	PBY-5A	28P5142	8			
	PBY-5	28P5142	8			
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. (LH / RH)	PART NO.	REQ. (LH / RH)

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32
APPROVED	DATE
CALC. WT. .008	ACT. WT.
SCALE 12" = 1'-0"	

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC							
NAVY STAINLESS STEEL .031 X 1½ X 5/8	AN-QQ-S-757 COND. A	M-224	PICKLE & PASSIVATE SPEC. 6R-38-C	Rove R.			

CONSOLIDATED VULTEE AIRCRAFT CORP.
SAN DIEGO DIVISION
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

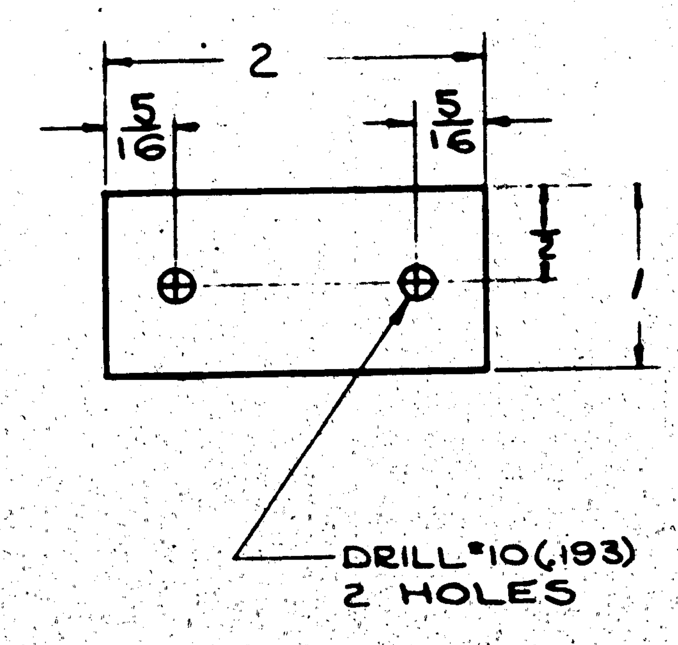
NAME: PLATE-EXHAUST COLLECTOR-NAMEPLATE-CORNER

OPP. HAND

DWG. SIZE A — 28P5184

R 28P5184

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]			
LET	ALTERATION	DATE	BY



90 SHIPS
88476
CONT. 77713

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	28-5AMN	28P5139	2						
	PBY-5	28P5139	2						
	PBY-5B	28P5139	2						
	PBY-5A	28P5139	2						
	OA-10	28P5139	2						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED Klem — DATE 12-16-41

CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

MAT. JFR

AC

	MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY	1/8 x 1 x 2 PHENOLIC SH'T	17P5 FORM 3 TYPE FBG	NONE	NONE

KAREL 12-8-41 — DRAFT — CHECK — EXAM. — ENG.

OPP. HAND

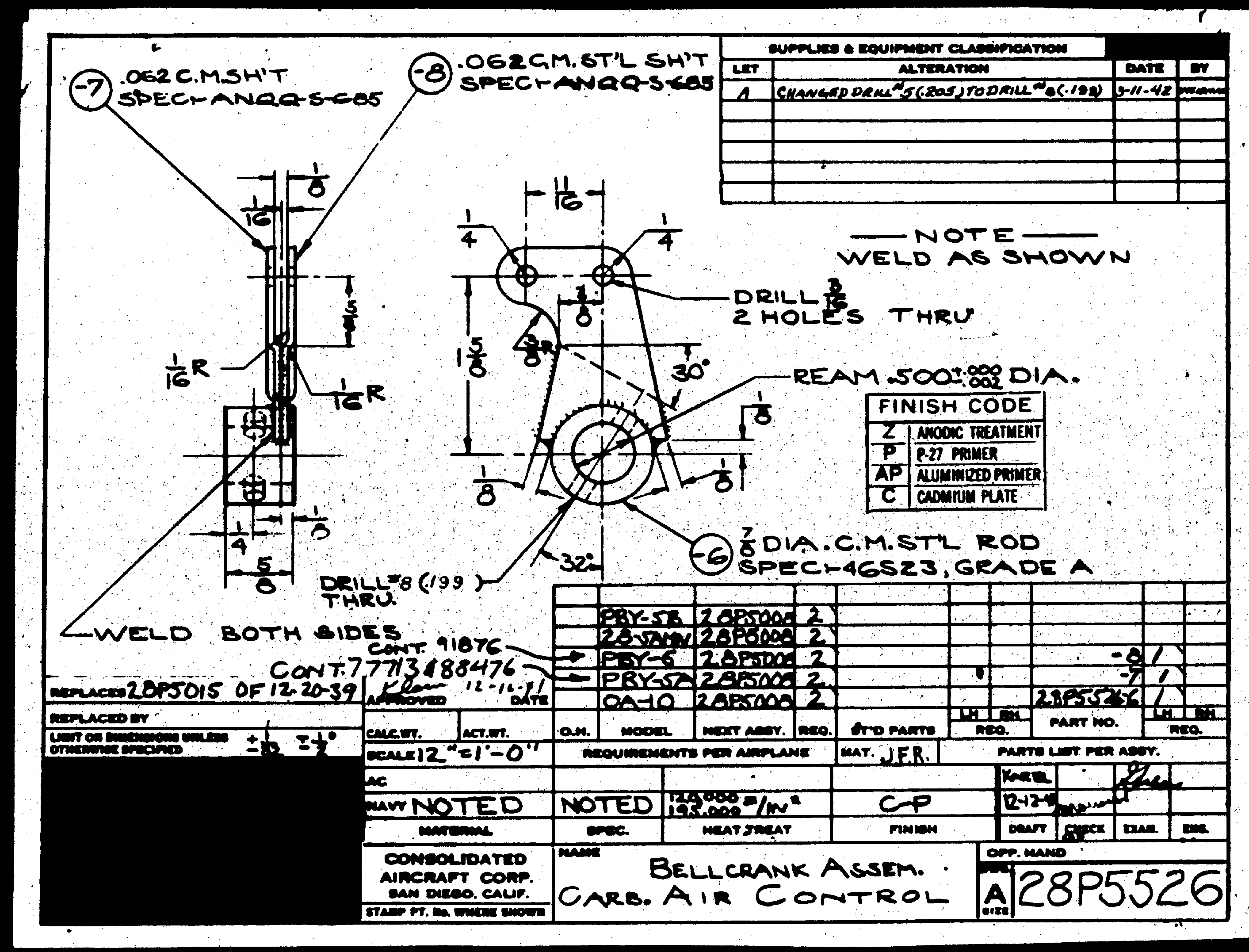
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME: FAIRLEAD STA. 4.0 - CARB. AIR. CONT.

DWG. SIZE A — 28P5525

R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | CHANGED DRILL #5 (.205) TO DRILL #8 (.199) | 3-11-42
-7 .062 C.M. SH'T SPEC-ANQQ-S-685
-8 .062 C.M. ST'L SH'T SPEC-ANQQ-S-685
NOTE
WELD AS SHOWN
DRILL 3/16 2 HOLES THRU
REAM .500 +.000 -.002 DIA.
30°
32°
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
-6 7/8 DIA. C.M. ST'L ROD SPEC-46S23, GRADE A
DRILL #8 (.199) THRU
WELD BOTH SIDES
CONT. 91876
CONT. 77713 & 88476
PBY-5B 28P5006 2
28-5AMN 28P5008 2
PBY-6 28P5006 2 -8 1
PBY-5A 28P5006 2 -7 1
OA-10 28P5008 2 28P5526 1
REPLACES 28P5015 OF 12-20-39
APPROVED 12-16-41 DATE
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 ± 1/2°
CALC. WT. | ACT. WT. | O.H. | MODEL | NEXT ASSY. | REQ. | STD PARTS | LH RH REQ. | PART NO. | LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT. J.F.R.
PARTS LIST PER ASSY.
AC
NAVY NOTED | NOTED | 125,000 195,000 #/IN² | C-P
MATERIAL | SPEC. | HEAT TREAT | FINISH
KAREL 12-12-41
DRAFT | CHECK | EXAM. | DIS.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BELLCRANK ASSEM. CARB. AIR CONTROL
OPP. HAND
A SIZE
28P5526

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

6 3/4

5/32

1 1/4 DIA

45°

REAM ON INSTALL. TO FIT SHAFT

APPROVED FOR TOOLING BY

Gorsline 7-16-43 M.C.R. 29380U

	PBY-5A	28P5532	1							
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.					

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/64

APPROVED	DATE				
1.56 CALC. WT.	ACT. WT.				
SCALE 12" = 1'-0"					
AC				7-5-43	
NAVY 1 1/4 x .219 C.M. STL. TUBE	44T18	125,000 #	C		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK / EXAM. / ENG.

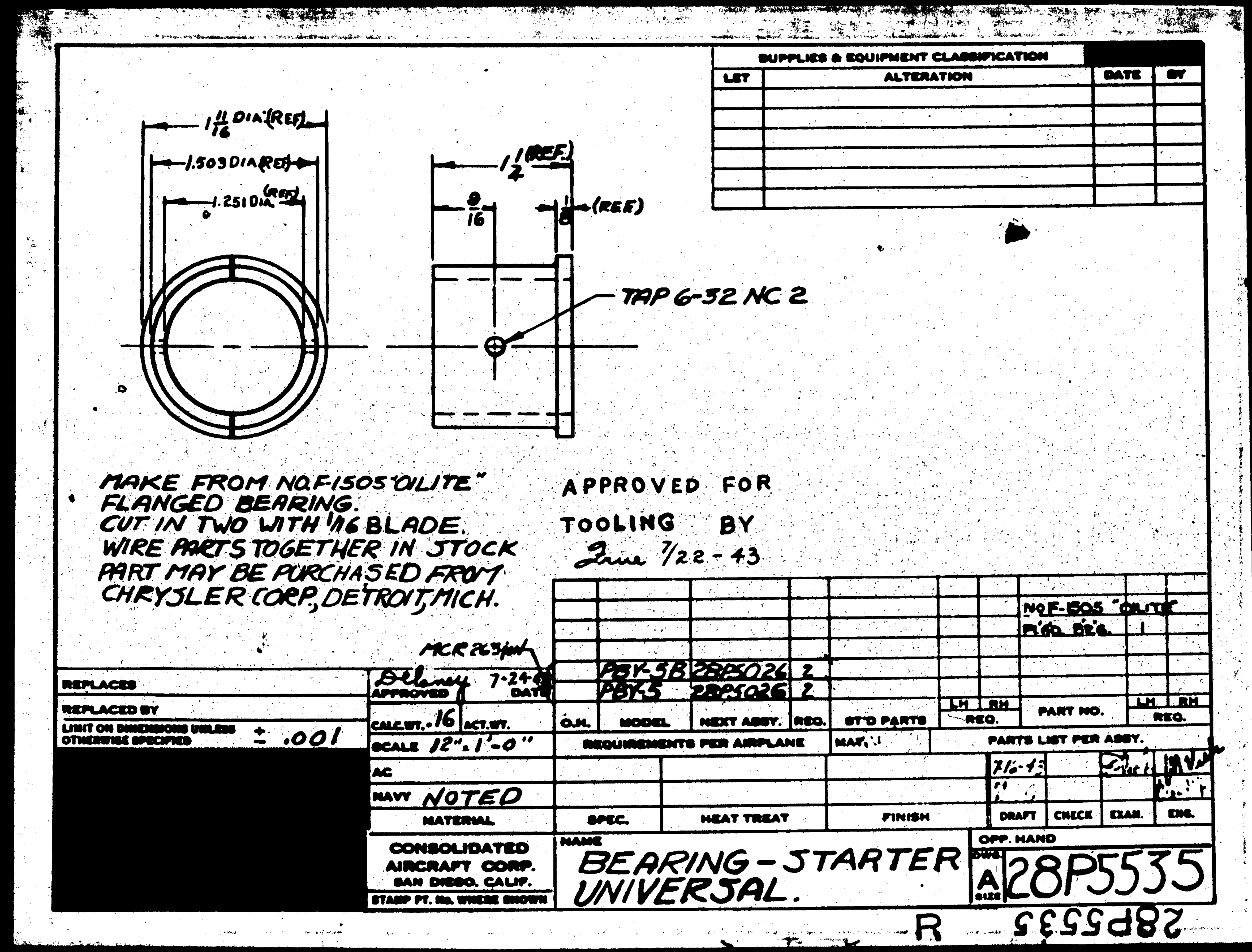
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME: BUSHING-STARTER CRANK

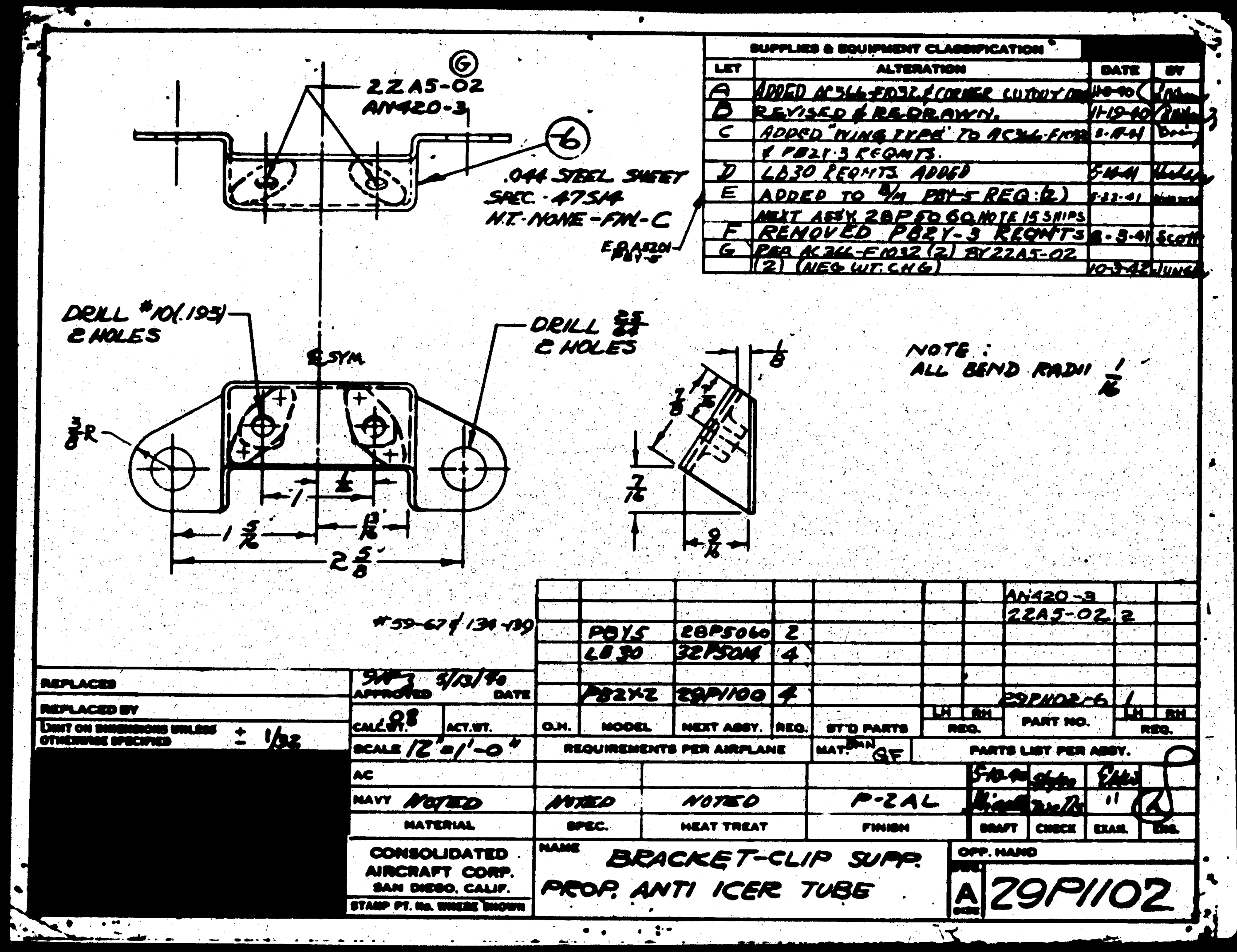
OPP. HAND

DWG. SIZE A — 28P5531

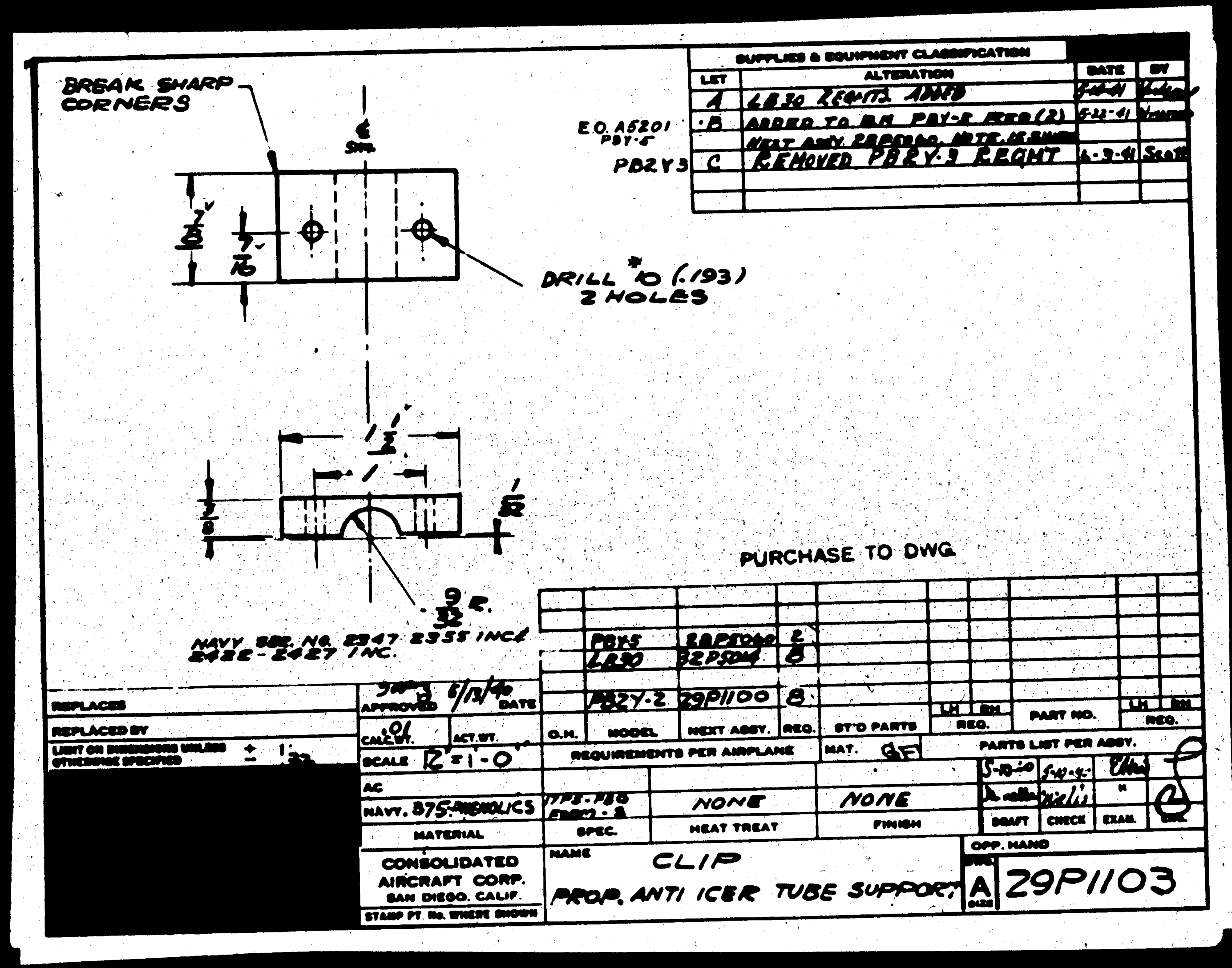
R 28P5531

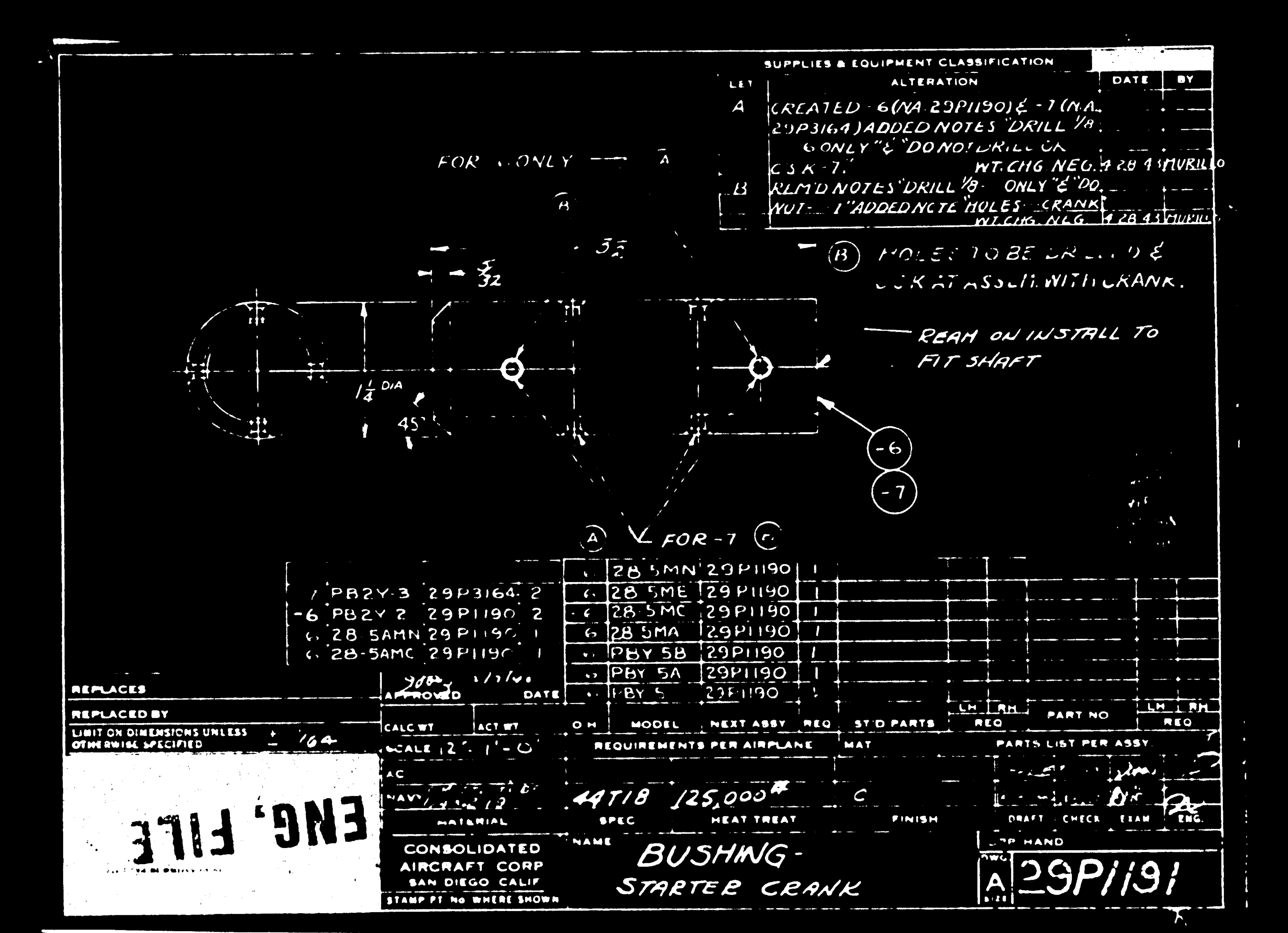


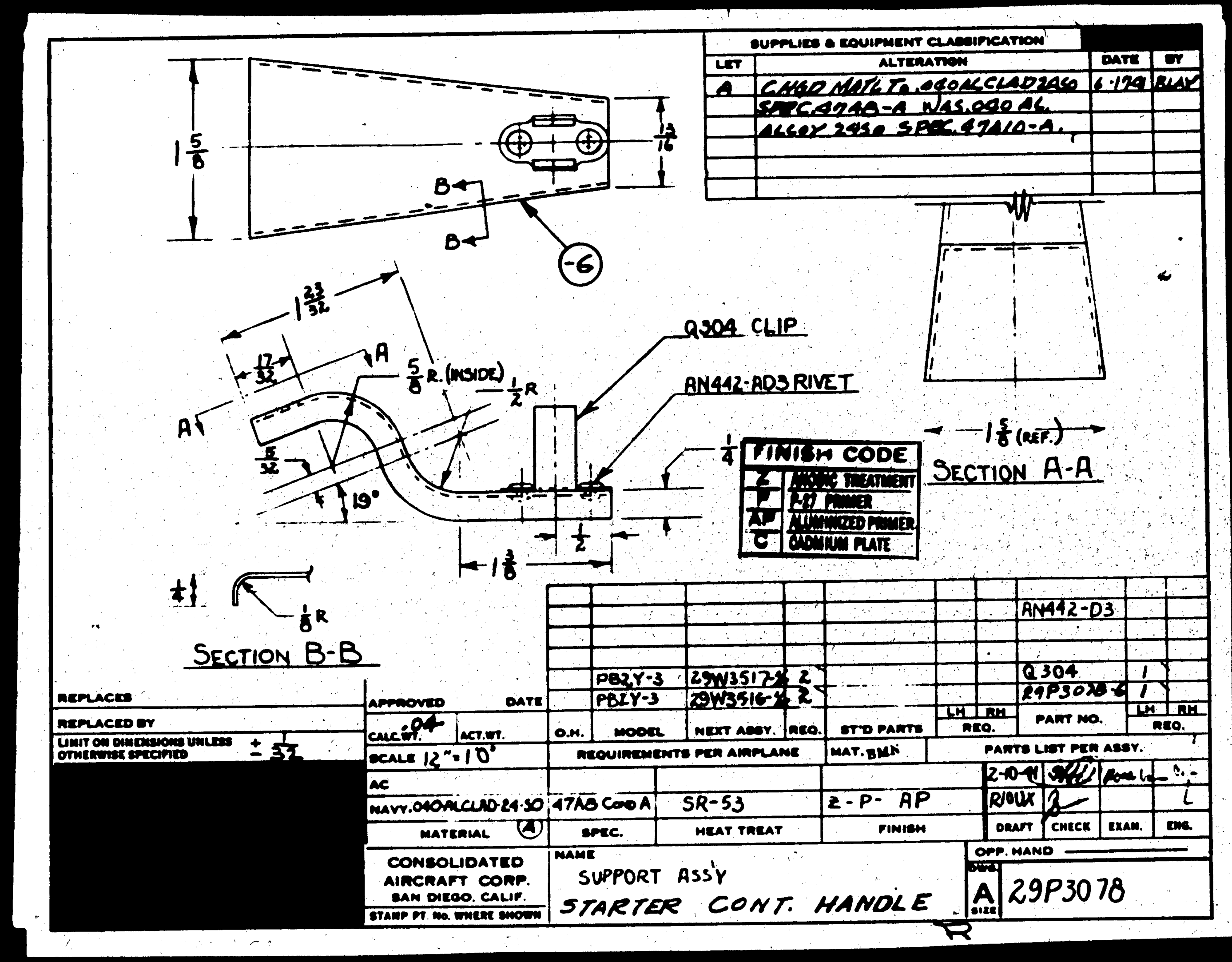
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1 11/16 DIA. (REF)
1.509 DIA (REF)
1.251 DIA (REF)
1 1/2 (REF)
9/16
1/8 (REF)
TAP 6-32 NC 2
MAKE FROM NO. F-1505 "OILITE" FLANGED BEARING.
CUT IN TWO WITH 1/16 BLADE.
WIRE PARTS TOGETHER IN STOCK
PART MAY BE PURCHASED FROM CHRYSLER CORP, DETROIT, MICH.
APPROVED FOR TOOLING BY
7/22-43
NO F-1505 "OILITE"
FLGD. BRG. 1
PBY-5B 28P5026 2
PBY-5 28P5026 2
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
MCR 263
7-24-43
APPROVED
DATE
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .001
CALC. WT. .16
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BEARING - STARTER UNIVERSAL.
OPP. HAND
DWG
A
SIZE
28P5535
R
28P5535



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ADDED AC366-EA032 & CORNER CUTOUT
B
REVISED & REDRAWN.
11-19-40
C
ADDED "WING TYPE" TO AC366-EA032 & PB2Y-3 REQMTS.
D
LB30 REQMTS ADDED
E
ADDED TO 6/M PBY-5 REQ: (2) NEXT ASSY 28P5060 NOTE 15 SHIPS
5-22-41
F
REMOVED PB2Y-3 REQMTS
8-3-41
Scott
G
PER AC366-EA032 (2) BY 22A5-02 (2) (NEG WT. CHG)
10-3-42
22A5-02
AN420-3
-6
.044 STEEL SHEET
SPEC. 47S14
H.T.-NONE-FIN-C
E.O. A1201 PBY-5
DRILL #10 (.193) 2 HOLES
DRILL 25/64 2 HOLES
℄ SYM.
3/8 R
1
1/2
1 5/16
13/16
2 5/8
1/8
7/16
9/16
NOTE: ALL BEND RADII 1/16
AN420-3
22A5-02
2
#59-67 & 134-139
PBY5
28P5060
2
LB30
32P5014
4
PB2Y2
29P1100
4
29P1102-6
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
5/13/40
CALC. WT. .08
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
GF
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NOTED
P-ZAL
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BRACKET-CLIP SUPP. PROP. ANTI ICER TUBE
OPP. HAND
A
29P1102


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | LB30 REQMTS ADDED
B | ADDED TO BM PBY-5 REQ (2) NEXT ASSY 28P5040, NOTE 15 SHT | 5-22-41
C | REMOVED PB2Y-3 REQMT | 6-3-41 | Scott
E.O. A5201 PBY-5
PB2Y3
BREAK SHARP CORNERS
℄ SYM.
7/8
7/16
DRILL #10 (.193) 2 HOLES
1 1/2
1
3/8
1/32
9/32 R.
NAVY SER. NO. 2347-2355 INCL 2422-2427 INC.
PURCHASE TO DWG.
PBY5 | 28P5040 | 2
LB30 | 32P5014 | 8
PB2Y-2 | 29P1100 | 8
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED 6/13/40 DATE
CALC. WT. .01
ACT. WT.
SCALE 12"=1-0"
AC
NAVY. 375 PHENOLICS
MATERIAL
MAT.
TYPE FBG FORM 3
SPEC.
NONE
HEAT TREAT
NONE
FINISH
5-10-40
DRAFT | CHECK | EXAM. | ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME CLIP
PROP. ANTI ICER TUBE SUPPORT
A SIZE
29P1103


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
CREATED -6(NA 29P1190) & -7 (N.A. 29P3164) ADDED NOTES "DRILL 1/8 6 ONLY" & "DO NOT DRILL OR CSK -7."
WT. CHG. NEG.
MURILLO
B
RLM'D NOTES "DRILL 1/8 ONLY" & "DO NOT 1" ADDED NOTE "HOLES CRANK"
WT. CHG. NEG.
4 28 43
FOR 6 ONLY
A
B
5/32
3/32
B
HOLES TO BE DRILLED & CSK AT ASSEM. WITH CRANK.
REAM ON INSTALL TO FIT SHAFT
1 1/4 DIA
45°
-6
-7
A
FOR -7
B
-7 PB2Y-3 29P3164 2
-6 PB2Y-2 29P1190 2
-6 28-5AMN 29P1190 1
-6 28-5AMC 29P1190 1
-6 28-5MN 29P1190 1
-6 28-5ME 29P1190 1
-6 28-5MC 29P1190 1
-6 28-5MA 29P1190 1
-6 PBY-5B 29P1190 1
-6 PBY-5A 29P1190 1
-6 PBY-5 29P1190 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/64
APPROVED
DATE
CALC WT
ACT WT
DASH
MODEL
NEXT ASSY
REQ
STD PARTS
LH
RH
REQ
PART NO
LH
RH
REQ
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT
PARTS LIST PER ASSY
AC
NAVY
44T18
125,000#
C
MATERIAL
SPEC
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
ENG. FILE
CONSOLIDATED AIRCRAFT CORP
SAN DIEGO CALIF
STAMP PT No WHERE SHOWN
NAME
BUSHING - STARTER CRANK
OPP HAND
DWG
A
SIZE
29P1191



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
CHGD MATL To .040 ALCLAD 24SO SPEC. 47AB-A WAS .040 AL. ALLOY 24SO SPEC. 47A10-A.
6-1-41
BLAY
1 5/8
13/16
B
B
-6
1 23/32
17/32
A
A
5/8 R. (INSIDE)
1/2 R
5/32
19°
Q304 CLIP
AN442-AD3 RIVET
1/4
1/2
1 3/8
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
1 5/8 (REF.)
SECTION A-A
1/4
1/8 R
SECTION B-B
AN442-D3
PB2Y-3 29W3517-1/2 2
PB2Y-3 29W3516-1/2 2
Q304 1
29P3078-6 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
.04
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT. BMK
PARTS LIST PER ASSY.
AC
2-10-41
RIOUX
NAVY .040 ALCLAD 24-SO
47AB Cond A
SR-53
Z - P - AP
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
SUPPORT ASSY
STARTER CONT. HANDLE
OPP. HAND
DWG.
A
SIZE
29P3078

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

INSTALLATION INSTRUCTIONS

SET UP SINGLE BEADED CLAMPS TIGHT AND LOOSEN UNTIL CLAMP MAY BE ROTATED ABOUT SECTION BY HAND.

SET UP DOUBLE BEADED CLAMPS TIGHT AND LOOSEN UNTIL CLAMP MAY BE ROTATED ABOUT SECTION BY LIGHT HAMMER TAPS.

INSPECT CLAMP BOLTS AFTER FIRST 10 HOURS OF FLIGHT

DO NOT TIGHTEN BOLTS WHICH HAVE BEEN IN SERVICE.

$\frac{1}{8}$ LETTERS

$2\frac{7}{8}$

3

$\frac{1}{16}$

ETCH LINES, FIGURE & LETTERS.
3/32 LETTERS & SPACES UNLESS OTHERWISE NOTED.

TO BE SUPPLIED BY SOLAR AIRCRAFT CO.

PURCHASE TO DWG.

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28P5142	4
	28-5S	28P5142	4
	PBY-5B	29P5142	4
	PBY-5	28P5142	4
	PB2Y-3	29P2005-2	4

REQUIREMENTS PER AIRPLANE

STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. NO.

PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32

APPROVED		DATE	
CALC. WT. .02	ACT. WT.		
SCALE FULL			
AC			

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY .031 ST. STL. SHT.	AN-QQ-S757	NONE	NOTED				

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

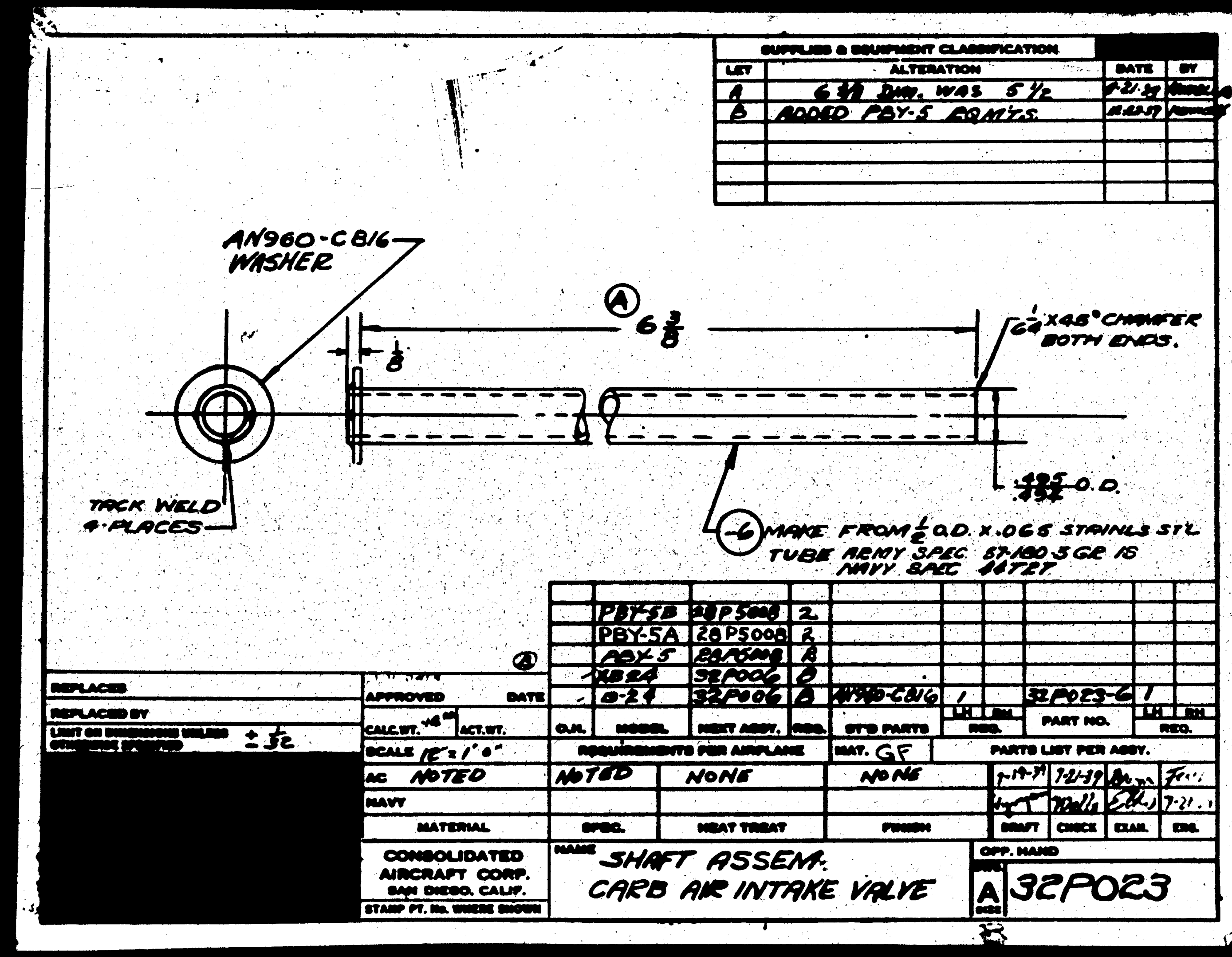
STAMP PT. No. WHERE SHOWN

NAME INSTRUCTION PLATE — EXH. MANIF.

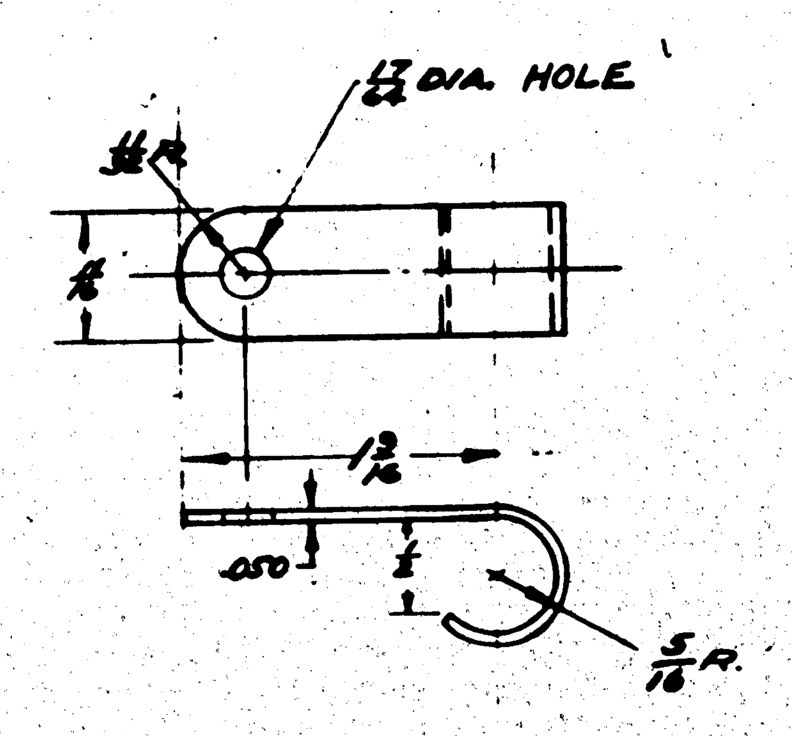
OPP. HAND

SIZE A

29P3146



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | 6 3/8 DIM. WAS 5 1/2 | 9-21-39
B | ADDED PBY-5 REQM'TS.
AN960-C816 WASHER
A
6 3/8
1/8
1/64 X45° CHAMFER BOTH ENDS.
TACK WELD 4-PLACES
.495 O.D.
-6 MAKE FROM 1/2 O.D. X .065 STAINLS STL TUBE ARMY SPEC. 57-180-3 GR 18 NAVY SPEC 44T27
PBY-5B 28P5008 2
PBY-5A 28P5008 2
PBY-5 28P5008 B
XB24 32P006 B
B-24 32P006 B AN960-C816 1 32P023-6 1
REPLACED
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED DATE
CALC.WT. ACT.WT.
O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 12"=1'0"
REQUIREMENTS PER AIRPLANE
MAT. GF
PARTS LIST PER ASSY.
AC NOTED NOTED NONE NONE
9-19-39 9-21-39
NAVY
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME SHAFT ASSEM. CARB AIR INTAKE VALVE
OPP. HAND
A SIZE 32P023



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	PBY-5 REQ'S. ADDED	12-26-39	DUNCAN
B	CHANGED MATERIAL & SPEC. WAS	4-17-40	ASHTON
	C.M. STEEL.		
C	B24D REQ'S ADDED	1-21-41	[illegible]
D	C.M. STEEL WAS STAINLESS STEEL	1-7-42	JONES
E	CHANGED SPEC FROM 57-136-B		
	TO AN-QQ-S-685A	9-30-42	WOOD
	ADDED NOTE & B24E REQ'TS	9-30-42	WOOD

E.O. A19814

NOTE:

ALL SHEET TO BE ELECTRIC FURNACE BRIGHT FINISH

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28P5000	2						
	28-5 MNIAN	28P5000	2						
	28-5 MCIAN	28P5000	2						
	28-5 MAENE	28P5000	2						
	B-24 D & E	32P076-9	4						
	PBY-6A5B	28P5000	2						
	[illegible]	32P076	4						
	[illegible]	32P076-9	4						
	024A	32P076	4						

REQUIREMENTS PER AIRPLANE

MAT. C.F.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

L. H. DATE

APPROVED DATE

CALC.WT. ACT.WT.

SCALE 12" = 1'0"

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC	C.M. STEEL	AN-QQ-S-685A	NONE	NONE
NAVY	C.M. STEEL	47-S-14	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
[illegible] 4/29/39	[illegible]		[illegible]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

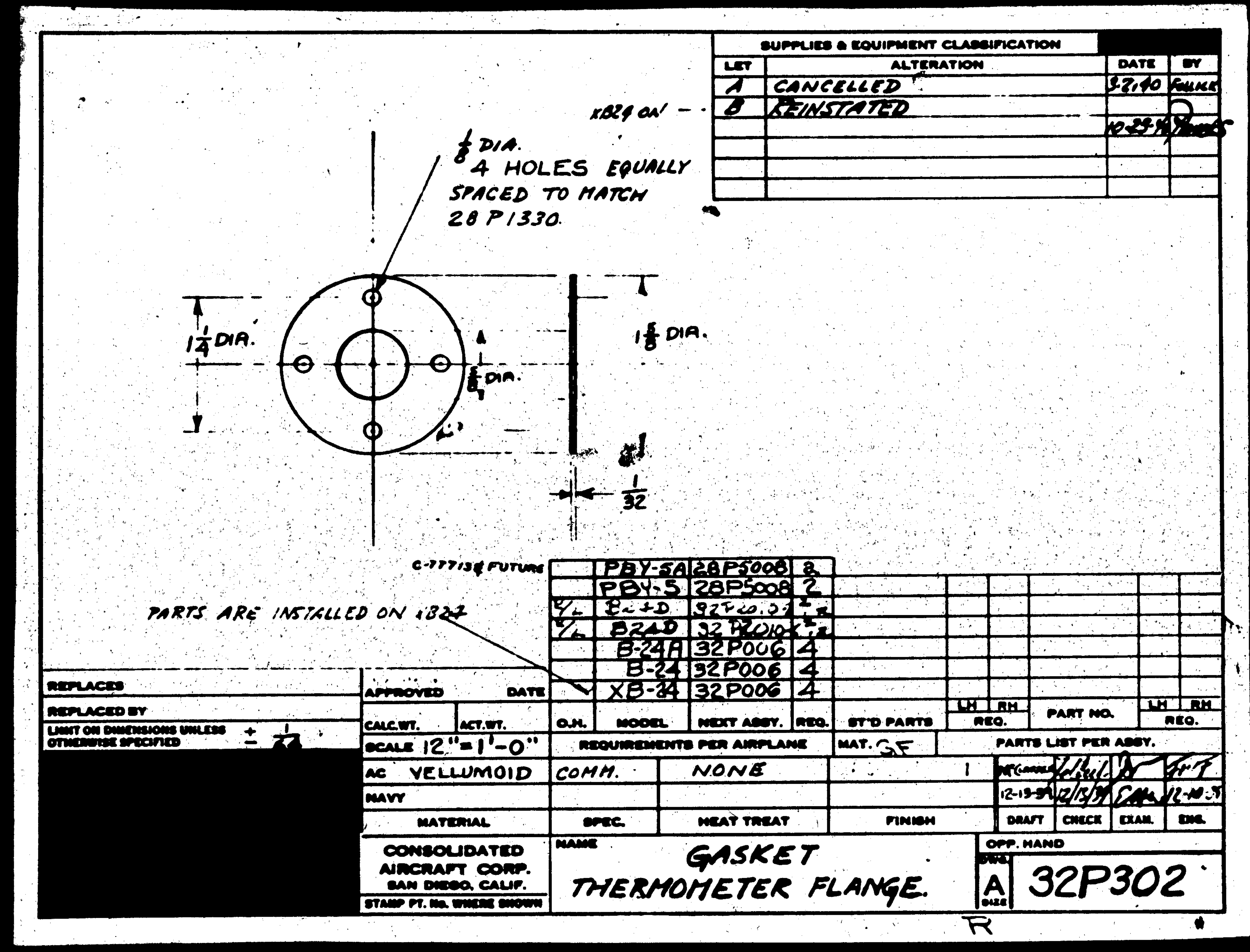
NAME CLIP
PROP. CONTROL TUBE SUPPORT.

OPP. HAND

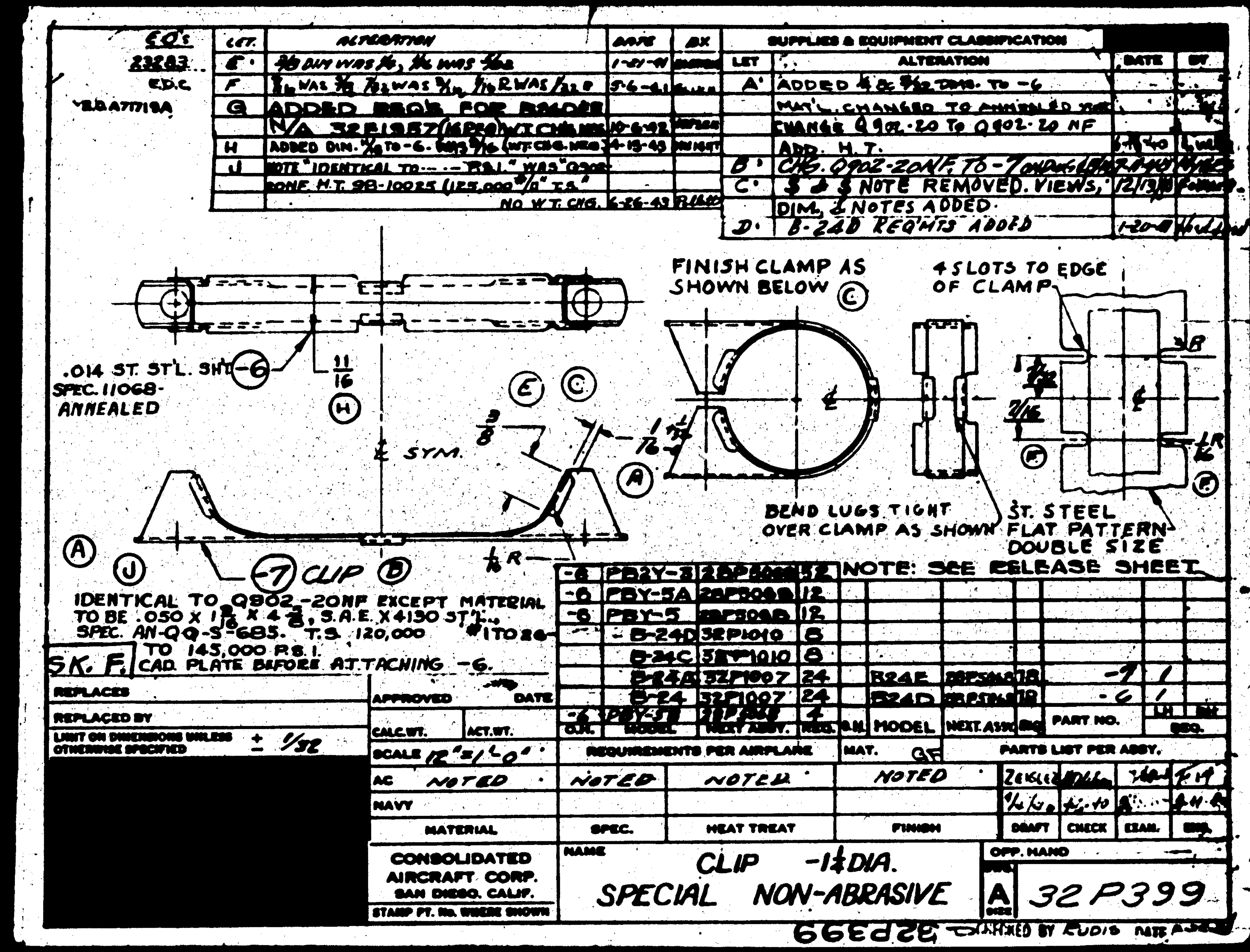
DWG. SIZE A 32P277

(D)

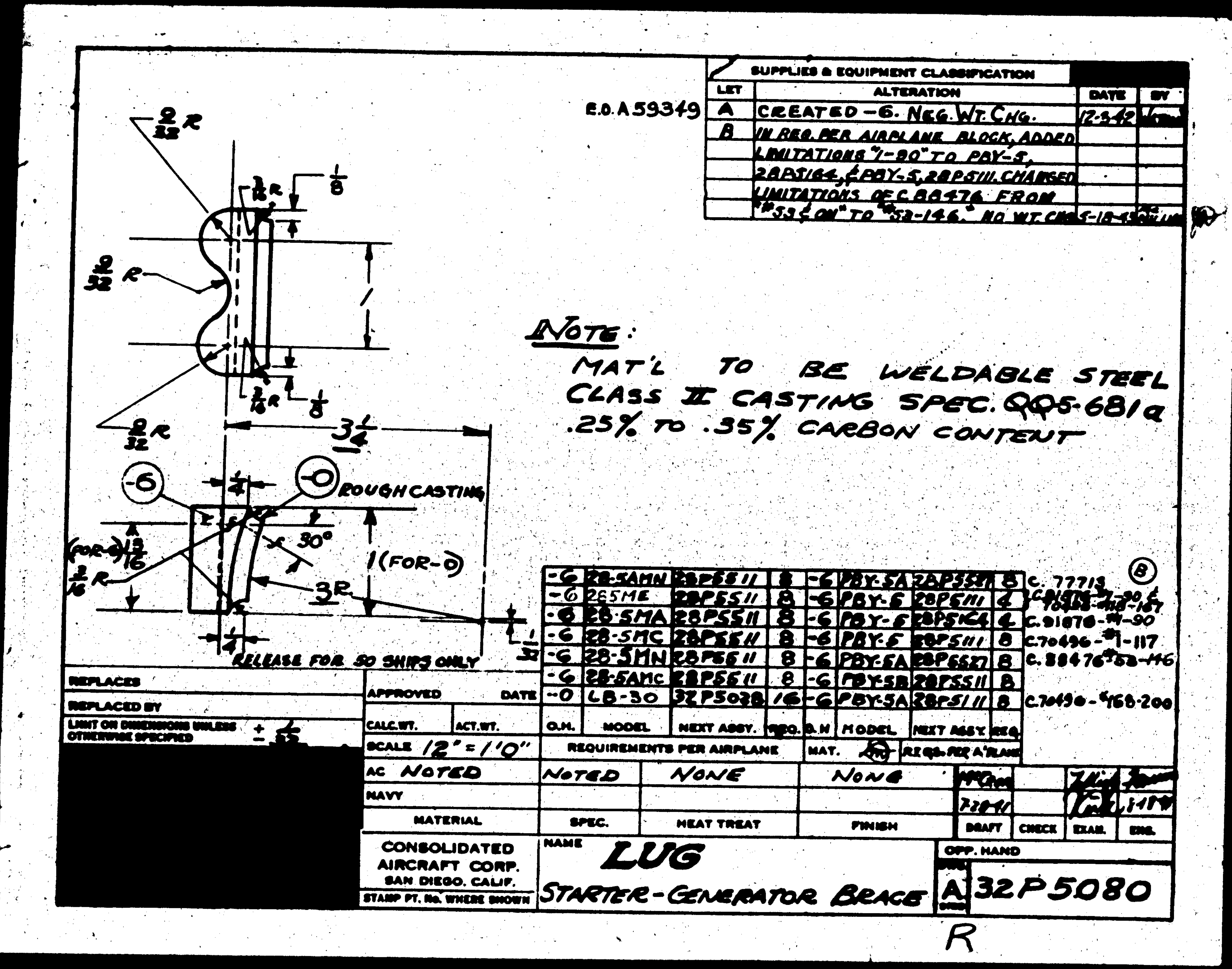
Written off [illegible] DATE [illegible]



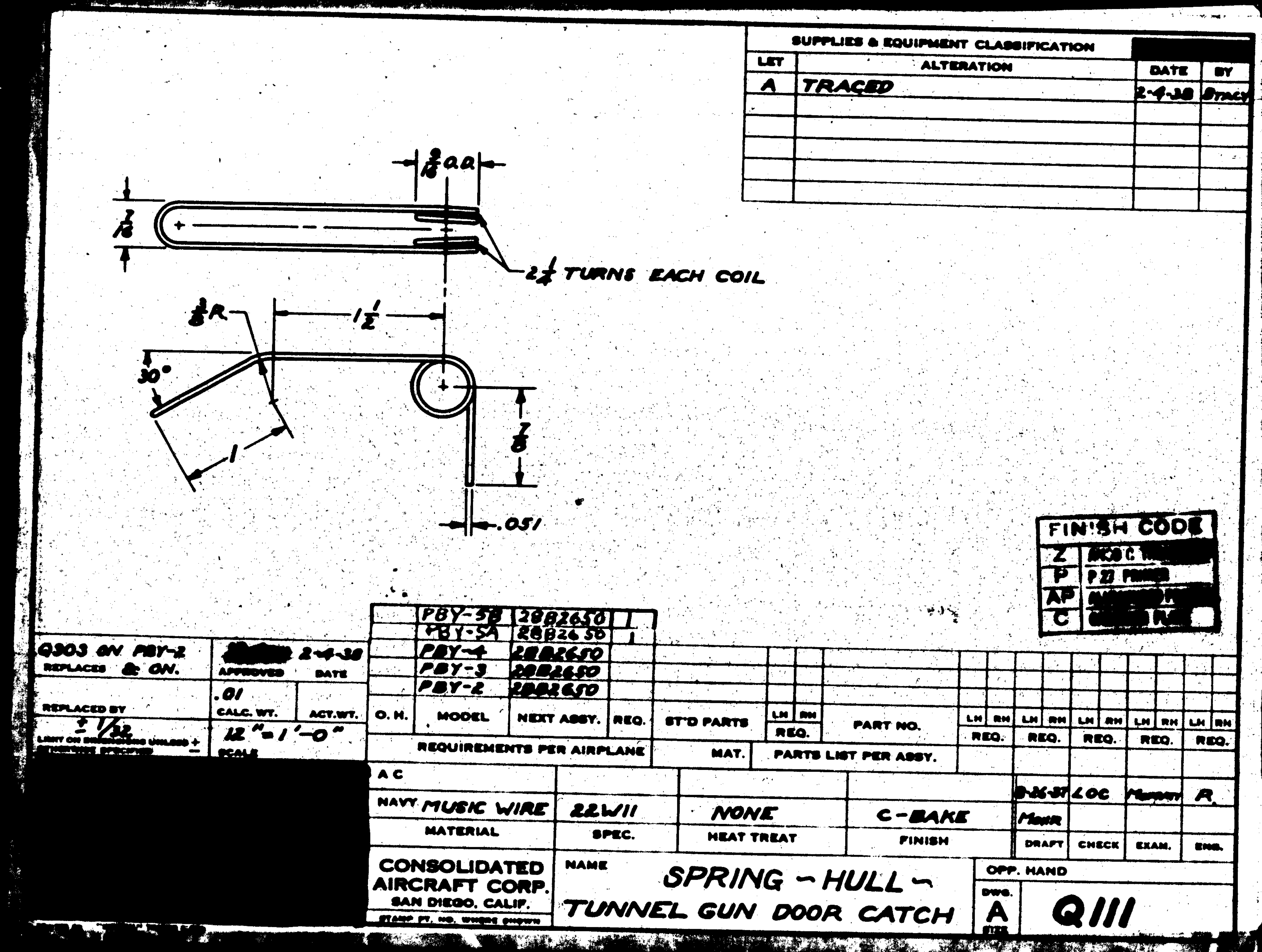
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | CANCELLED
B | REINSTATED
1/8 DIA.
4 HOLES EQUALLY
SPACED TO MATCH
28 P1330
1 1/4 DIA.
5/8 DIA.
1 5/8 DIA.
1/32
PARTS ARE INSTALLED ON
PBY-5A 28P5008 2
PBY-5 28P5008 2
B-24A 32P006 4
B-24 32P006 4
XB-24 32P006 4
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC VELLUMOID
COMM.
NONE
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
GASKET
THERMOMETER FLANGE.
OPP. HAND
A
32P302



ALTERATION
SUPPLIES & EQUIPMENT CLASSIFICATION
ADDED REQ'S FOR B24D
ADDED 4 & 5/32 DIMS. TO -6
CHANGE Q902-20 TO Q902-20 NF
ADD. H.T.
NOTE REMOVED. VIEWS, DIM. & NOTES ADDED.
B-24D REQ'MTS ADDED
FINISH CLAMP AS SHOWN BELOW
4 SLOTS TO EDGE OF CLAMP
.014 ST. ST'L. SHT.
SPEC. 11068-ANNEALED
SYM.
BEND LUGS TIGHT OVER CLAMP AS SHOWN
ST. STEEL FLAT PATTERN DOUBLE SIZE
-7 CLIP
NOTE: SEE RELEASE SHEET
IDENTICAL TO Q902-20NF EXCEPT MATERIAL TO BE .050 X 1 3/16 X 4 3/8, S.A.E. X4130 ST'L., SPEC. AN-QQ-S-685. T.S. 120,000 TO 145,000 P.S.I.
CAD. PLATE BEFORE ATTACHING -6.
SK. F.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
PART NO.
MODEL
NEXT ASSY.
REQ.
MAT.
AC
NOTED
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENGR.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
CLIP -1¼ DIA.
SPECIAL NON-ABRASIVE
OPP. HAND
A
32P399

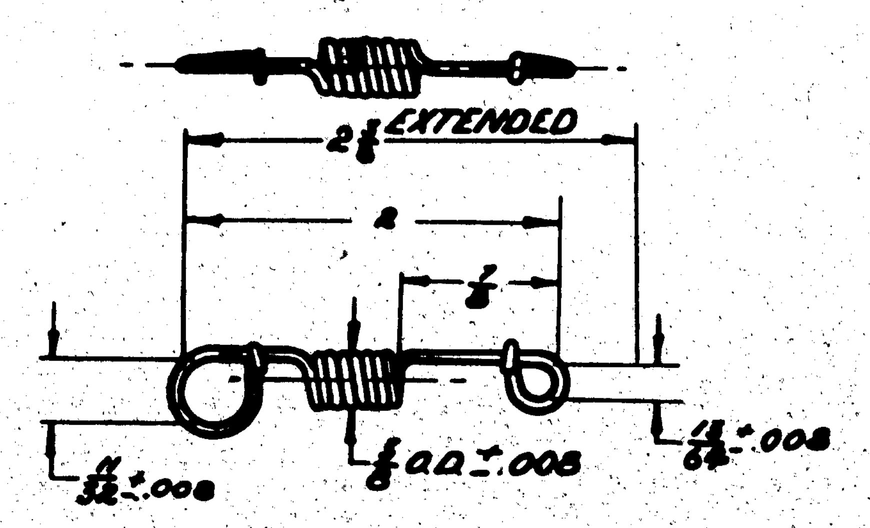


E.O. A59349
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | CREATED -6. NEG. WT. CHG. | 12-3-42
B | IN REQ. PER AIRPLANE BLOCK, ADDED LIMITATIONS "1-90" TO PBY-5, 28P5164, & PBY-5, 28P5111. CHANGED LIMITATIONS OF C.88476 FROM "#53 & ON" TO "#53-146." NO WT. CHG. | 5-18-43
NOTE:
MAT'L TO BE WELDABLE STEEL
CLASS II CASTING SPEC. QQ-S-681a
.25% TO .35% CARBON CONTENT
2/32 R
3/32 R
1/8
1
2/32 R
3/16 R
1/8
2/32 R
3 1/4
-6
-0
ROUGH CASTING
1/4
30°
(FOR-6) 13/16
3/16 R
1 (FOR-0)
3R
1/4
1/32
RELEASE FOR 50 SHIPS ONLY
-6 | 28-5AMN | 28P5511 | 8 | -6 | PBY-5A | 28P5527 | 8 | C.77713
-6 | 28-5ME | 28P5511 | 8 | -6 | PBY-5 | 28P5111 | 4 | C.91676-#1-90 & 70496-#118-167
-6 | 28-5MA | 28P5511 | 8 | -6 | PBY-5 | 28P5164 | 4 | C.91676-#1-90
-6 | 28-5MC | 28P5511 | 8 | -6 | PBY-5 | 28P5111 | 8 | C.70496-#1-117
-6 | 28-5MN | 28P5511 | 8 | -6 | PBY-5A | 28P5527 | 8 | C.88476-#53-146
-6 | 28-5AMC | 28P5511 | 8 | -6 | PBY-5B | 28P5511 | 8
-0 | LB-30 | 32P5028 | 16 | -6 | PBY-5A | 28P5111 | 8 | C.70496-#168-200
D.H. | MODEL | NEXT ASSY. | REQ. | D.H. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
MAT.
REQS. PER A'PLANE
REPLACES
REPLACED BY
APPROVED
DATE
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
CALC. WT.
ACT. WT.
SCALE 12" = 1'0"
AC NOTED
NAVY
MATERIAL
NOTED
SPEC.
NONE
HEAT TREAT
NONE
FINISH
7-28-41
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
LUG
STARTER-GENERATOR BRACE
OPP. HAND
A
32P5080
R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
2-4-38
Stacy
3/16 O.D.
7/16
2 1/4 TURNS EACH COIL
3/8 R
1 1/2
30°
1
7/8
.051
FINISH CODE
Z [redacted]
P P 22 PRIMER
AP [redacted]
C [redacted]
PBY-5B 28B2650 1
PBY-5A 28B2650 1
PBY-4 28B2650
PBY-3 28B2650
PBY-2 28B2650
Q303 ON PBY-2
REPLACES & ON.
[redacted] 2-4-38
APPROVED DATE
.01
CALC. WT. ACT. WT.
REPLACED BY
± 1/32
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
12" = 1'-0"
SCALE
O. H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
[redacted]
A C
NAVY MUSIC WIRE
MATERIAL
22W11
SPEC.
NONE
HEAT TREAT
C-BAKE
FINISH
8-26-37 LOC
Muir
R.
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME
SPRING - HULL -
TUNNEL GUN DOOR CATCH
OPP. HAND
DWG. A SIZE
Q111

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED.	1-3-39	[illegible]
B	ADD PB2Y-3 REQS.	7-17-42	KERR



FINISH:
CADMIUM PLATE APPROX.
.001 THICK & BAKE

7 ACTIVE COILS

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5B	28A1006	2						
	PB2Y-3	29A3046	2						
	PBY-5A	28A1006	2						
	PBY-4	28A1006-31							

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED [illegible] DATE 1-3-39

CALC. WT. .007 — ACT. WT.

SCALE 48"=1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY. .051 MUSIC WIRE	22W11	NONE	NOTED	GO / [illegible]		[illegible]	G

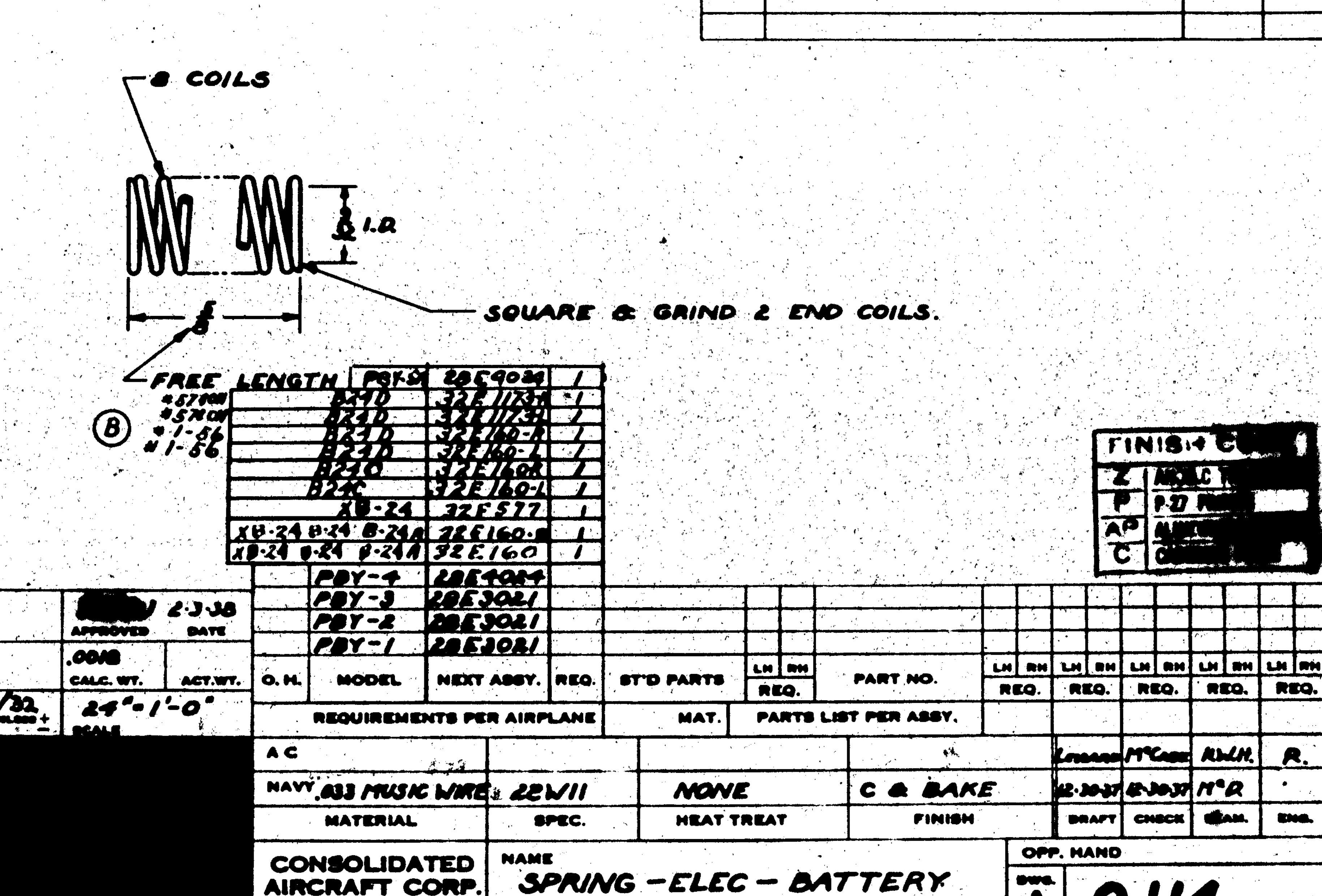
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

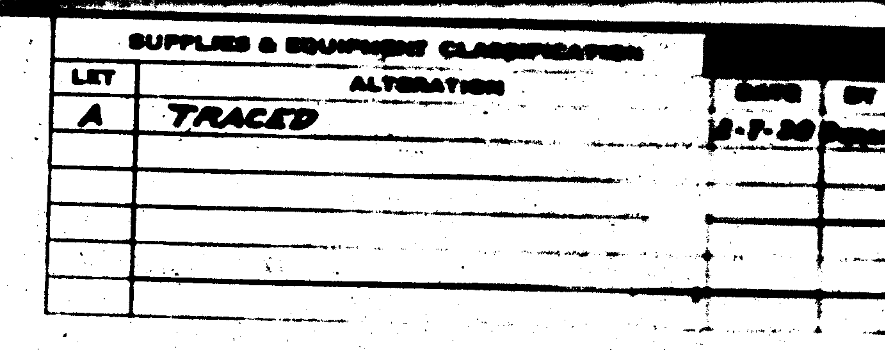
NAME
SPRING-FIXED EQUIPT. FLARE LOCK-TENSION.

OPP. HAND

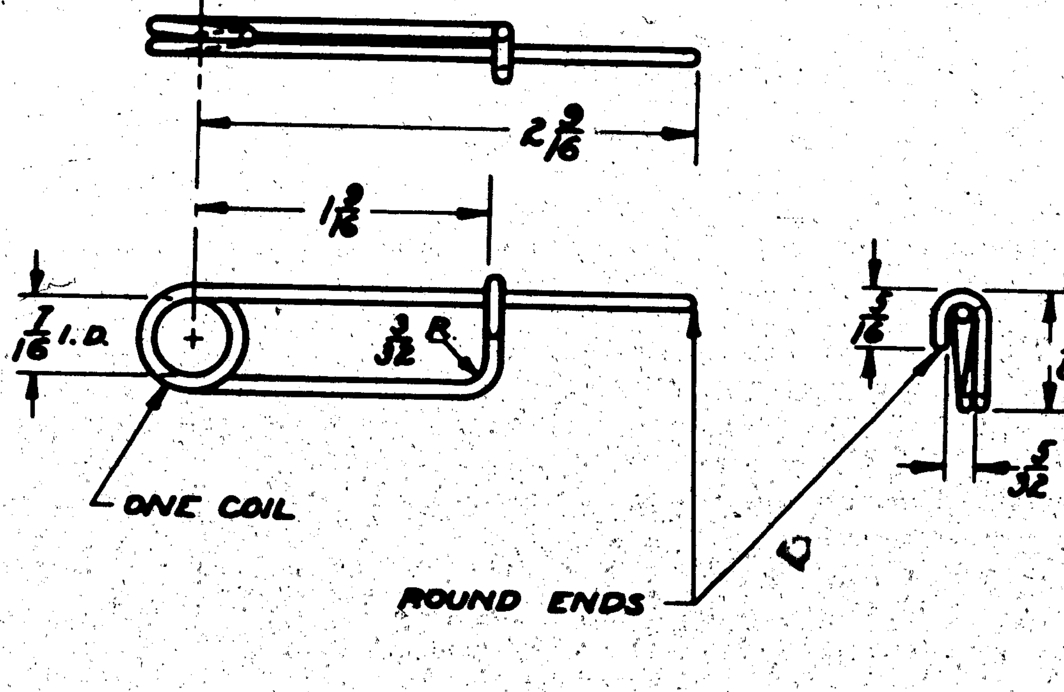
DWG. SIZE A — Q113


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 2-3-38
B | ADDED REQ. FOR B24C & D | 7-14-41
8 COILS
I.D.
SQUARE & GRIND 2 END COILS.
FREE LENGTH
B
PBY-5 | 28E9024 | 1
B24D | 32E11731 | 1
B24D | 32E11731 | 1
B24D | 32E160-R | 1
B24D | 32E160-L | 1
B24C | 32E160R | 1
B24C | 32E160-L | 1
XB-24 | 32E577 | 1
XB-24 B-24 B-24A | 32E160-R | 1
XB-24 B-24 B-24A | 32E160 | 1
PBY-4 | 28E4024
PBY-3 | 28E3021
PBY-2 | 28E3021
PBY-1 | 28E3021
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.
FINISH
S.K. B
2-3-38
REPLACES | APPROVED | DATE
.0018
REPLACED BY | CALC. WT. | ACT. WT.
1/32
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
24" = 1'-0"
SCALE
A C
NAVY .033 MUSIC WIRE | 22W11 | NONE | C & BAKE
MATERIAL | SPEC. | HEAT TREAT | FINISH
12-30-37 | 12-30-37 | McR
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
NAME
SPRING - ELEC - BATTERY CUTOUT PUSHBUTTON
OPP. HAND
DWG. A
Q114

SUPPLIES & EQUIPMENT CLASSIFICATION



LET	ALTERATION	DATE	BY
A	TRACED	2-7-38	[illegible]



O. H.	MODEL	NEXT ASSY.	REQ.
	PBY-4	28H1010	
	PBY-3	28H1010	
	PBY-2	28H1010	
	PBY-1	28H1010	

REQUIREMENTS PER AIRPLANE

ST'D PARTS | LH RH REQ. | PART NO | MAT. | PARTS LIST PER ASSY.

REPLACES

[redacted] 2-7-38
APPROVED DATE

REPLACED BY

.006 CALC. WT. | ACT. WT.

± 1/32 LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

12" = 1'-0" SCALE

[redacted]

A C

NAVY .072 PHOSPHOR BRONZE SPRING WIRE — MATERIAL

22W5 — SPEC.

NONE — HEAT TREAT

NONE — FINISH

DRAFT | CHECK | 1-7-38 | 1-8-38

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

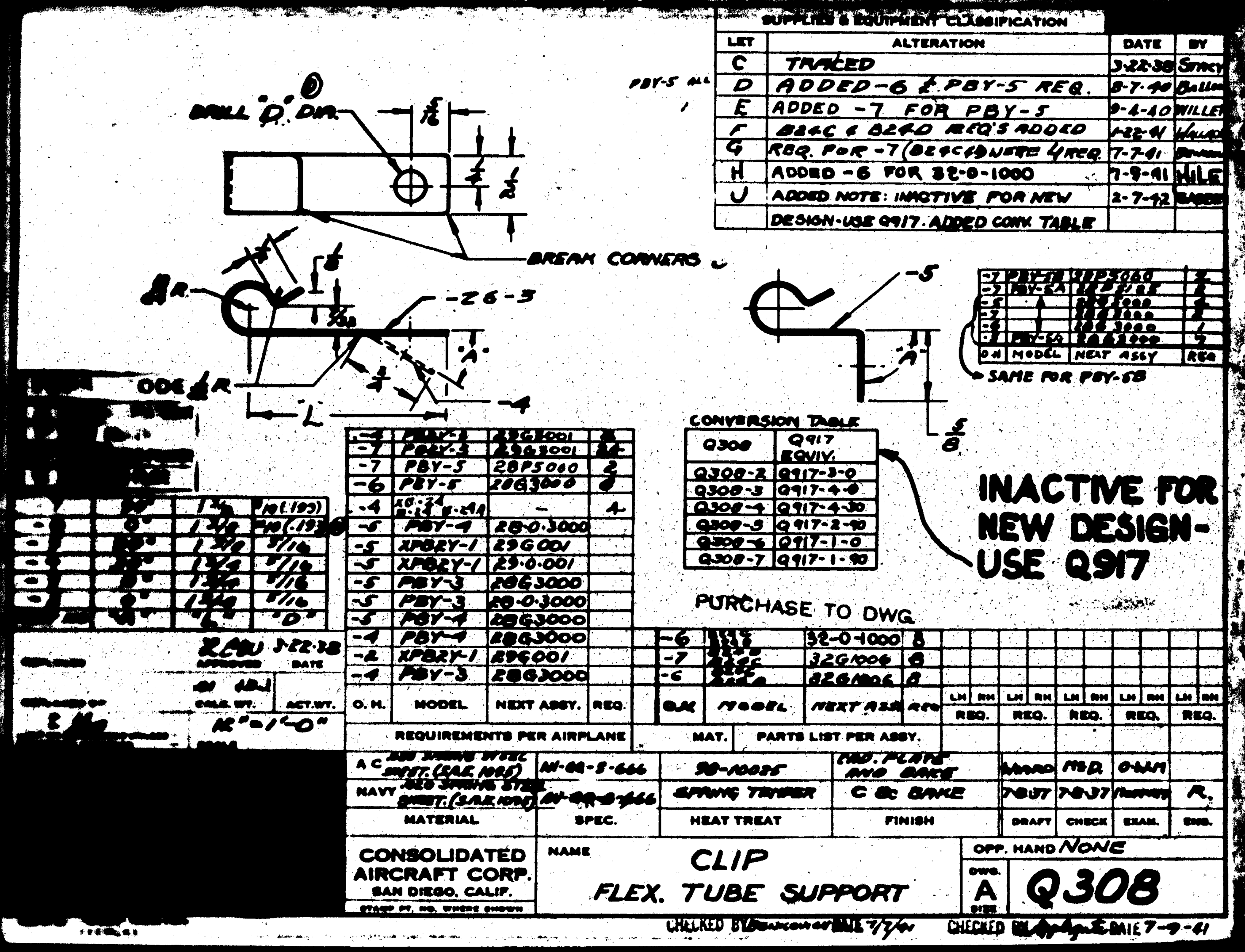
STAMP PT. NO. WHERE SHOWN

NAME: PIN — BEACHING GEAR SAFETY

OPP HAND

DWG. A

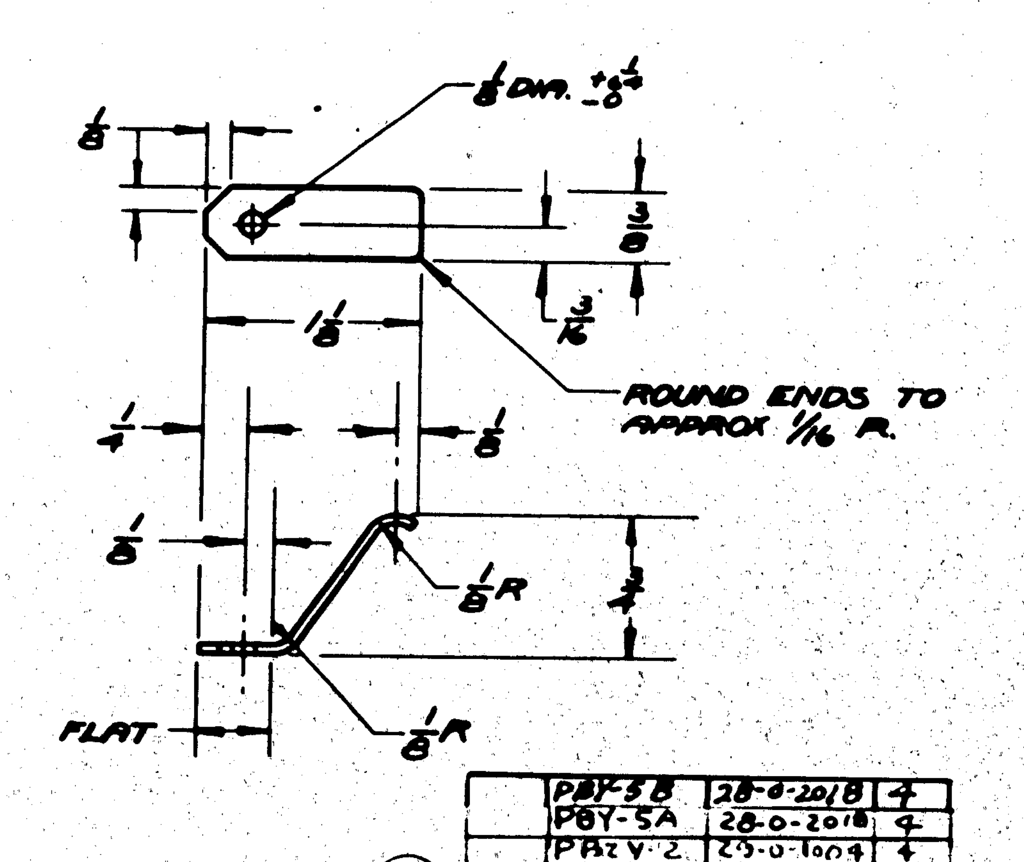
Q-115



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C TRACED 3-22-38
D ADDED -6 & PBY-5 REQ. 8-7-40
E ADDED -7 FOR PBY-5 9-4-40
F B24C & B24D REQ'S ADDED
G REQ. FOR -7 (B24C&D) WERE 4 REQ. 7-7-41
H ADDED -6 FOR 32-0-1000 7-9-41
J ADDED NOTE: INACTIVE FOR NEW DESIGN-USE Q917. ADDED CONV. TABLE 2-7-42
DRILL "D" DIA.
BREAK CORNERS
-26-3
-4
-5
L
"A"
SAME FOR PBY-5B
O.H. MODEL NEXT ASSY REQ
CONVERSION TABLE
Q308 | Q917 EQUIV.
Q308-2 Q917-3-0
Q308-3 Q917-4-0
Q308-4 Q917-4-30
Q308-5 Q917-2-90
Q308-6 Q917-1-0
Q308-7 Q917-1-90
INACTIVE FOR NEW DESIGN-USE Q917
PURCHASE TO DWG.
-7 PBY-5 28P5060 2
-6 PBY-5 28G3000
-5 PBY-4 28-0-3000
-5 XPB2Y-1 29G001
-5 XPB2Y-1 29-0-001
-5 PBY-3 28G3000
-5 PBY-3 28-0-3000
-5 PBY-4 28G3000
-4 PBY-4 28G3000
-2 XPB2Y-1 29G001
-4 PBY-3 28G3000
-6 32-0-1000 8
-7 32G1006 6
-6 32G1006 8
O.H. MODEL NEXT ASSY. REQ.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
APPROVED DATE 3-22-38
CALC. WT.
ACT. WT.
A C
NAVY
SPRING TEMPER
C & BAKE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
NAME
CLIP
FLEX. TUBE SUPPORT
OPP. HAND NONE
DWG. SIZE A
Q308
CHECKED BY DATE 7/7/41
CHECKED BY DATE 7-9-41

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]

LET	ALTERATION	DATE	BY
A	TRACED	3-23-38	Smith
B	NEXT ASSY WAS 28-0-2018 FOR PBY-2, PBY-3 & PBY-4 & WAS 28-3010 FOR PBY-3 & PBY-4. MODEL PBY-2 WAS FUTURE ONLY. ADDED XPB2Y-1	5-23-38	DW
C	PB2Y-2 REQS ADDED	10-9-39	[illegible]



B

FINISH CODE

Z	ANODIC TREATMENT
F	P27 PRIMER
[illegible]	[illegible] PRIMER
C	CADMIUM PLATE

O. H.	MODEL	NEXT ASSY.	REQ
	PBY-5B	28-0-2018	4
	PBY-5A	28-0-2018	4
	PB2Y-2	29-0-1004	4
	PB2Y-2	29-6-1003	2
	XPB2Y-1	28-0-2018-3	
	PBY-4	28-0-2018-3	
	PBY-3	28-0-2018-3	
	PBY-2	28-0-2018-3	

REQUIREMENTS PER AIRPLANE

REPLACES

LCW — APPROVED — 3-23-38 — DATE

REPLACED BY

CALC. WT. — ACT. WT.

± 1/32 & NOTED — LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

12" = 1'-0" — SCALE

ST'D PARTS — LH RH REQ. — PART NO. — LH RH REQ. — LH RH REQ. — LH RH REQ. — LH RH REQ. — LH RH REQ.

MAT. — PARTS LIST PER ASSY.

A C

NAVY 031 SPRING ST. — 47S15 — SPRING TEMPER — C-BAKE

MATERIAL — SPEC. — HEAT TREAT — FINISH

Follick — Qm[illegible]

3-3-38 — DRAFT; 3-3-38 — CHECK; [illegible] — EXAM.; R — ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

NAME: SPRING - FUEL & OIL TANK COVER

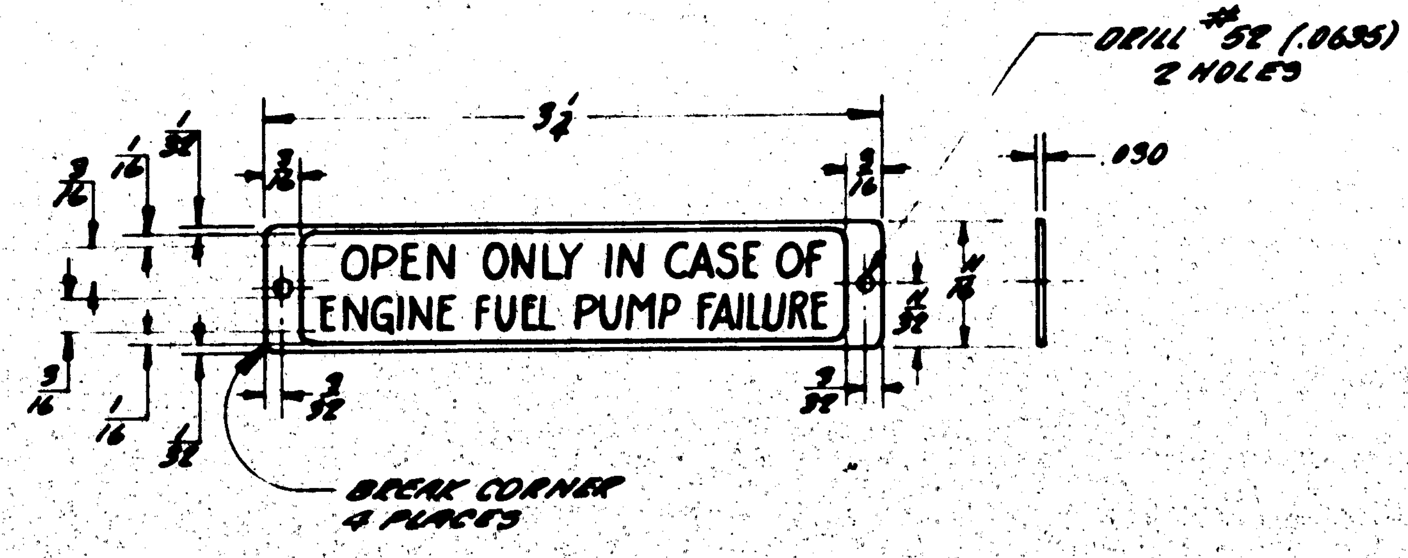
OPP. HAND

DWG SIZE: A

Q315

SUPPLIES & EQUIPMENT CLASSIFICATION

LET.	ALTERATION	DATE	BY
A	TRACED	2-3-38	C.L.F.



FINISH:
LETTERS & EDGES RAISED AND POLISHED. BACKGROUND ETCHED & FINISHED WITH BLACK LACQUER.

O. H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28F5005	1
	PBY-4	28F2139	
	PBY-3	28F2139	
	PBY-2	28F2139	

C-70496, C-77713, & C-88476

REQUIREMENTS PER AIRPLANE

ST'D PARTS — LH RH REQ. — PART NO. — LH RH REQ. — LH RH REQ. — LH RH REQ. — LH RH REQ. — LH RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES

LCW 2-3-38
APPROVED DATE

REPLACED BY — CALC. WT. — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

3" = 1'-0"
SCALE

[redacted]

A C							
NAVY .030 ALUM SHT.	24ST-H-H	NONE	NOTED	3-6-37		HWH	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

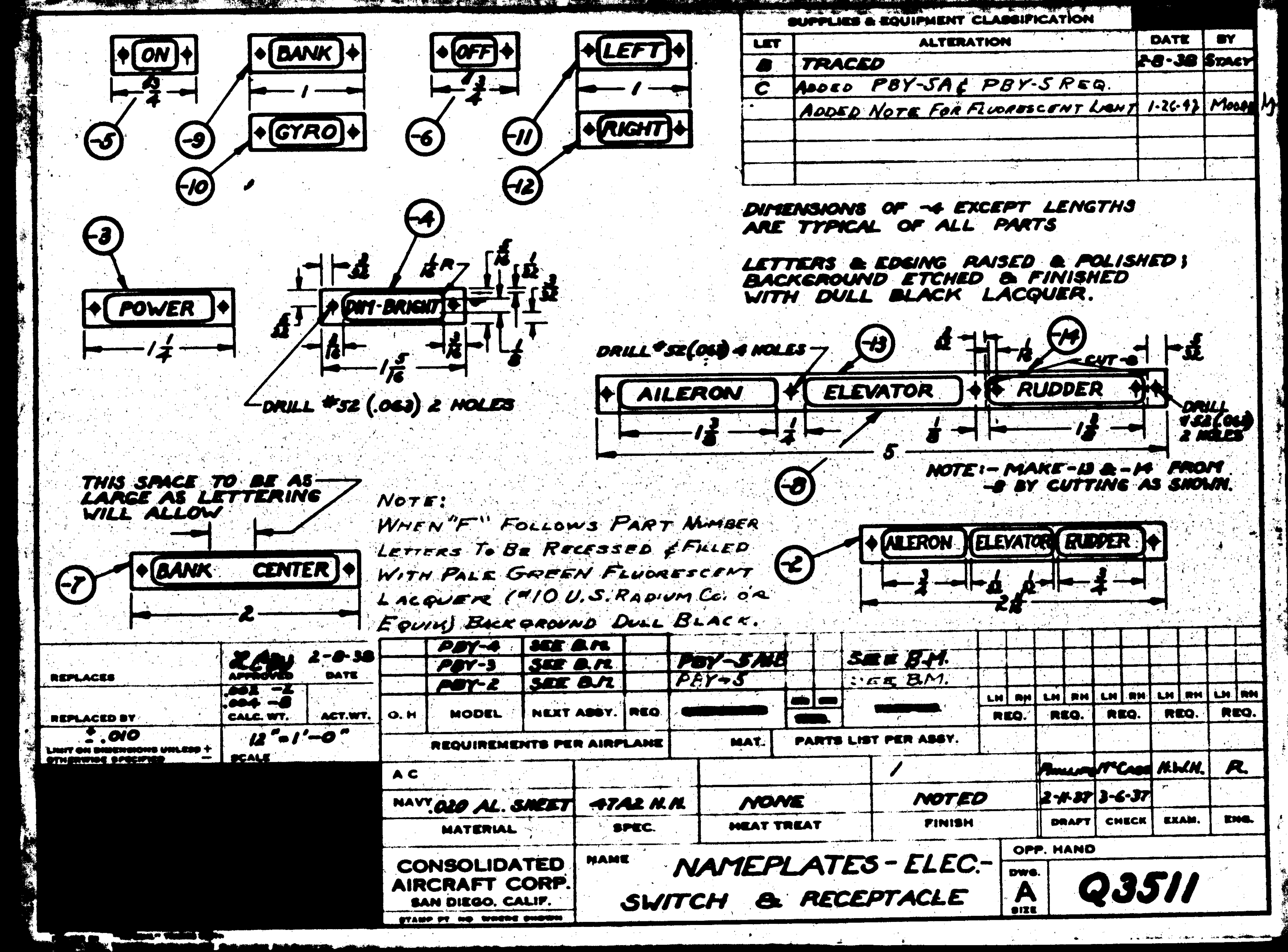
Fossel, Whitney, CH

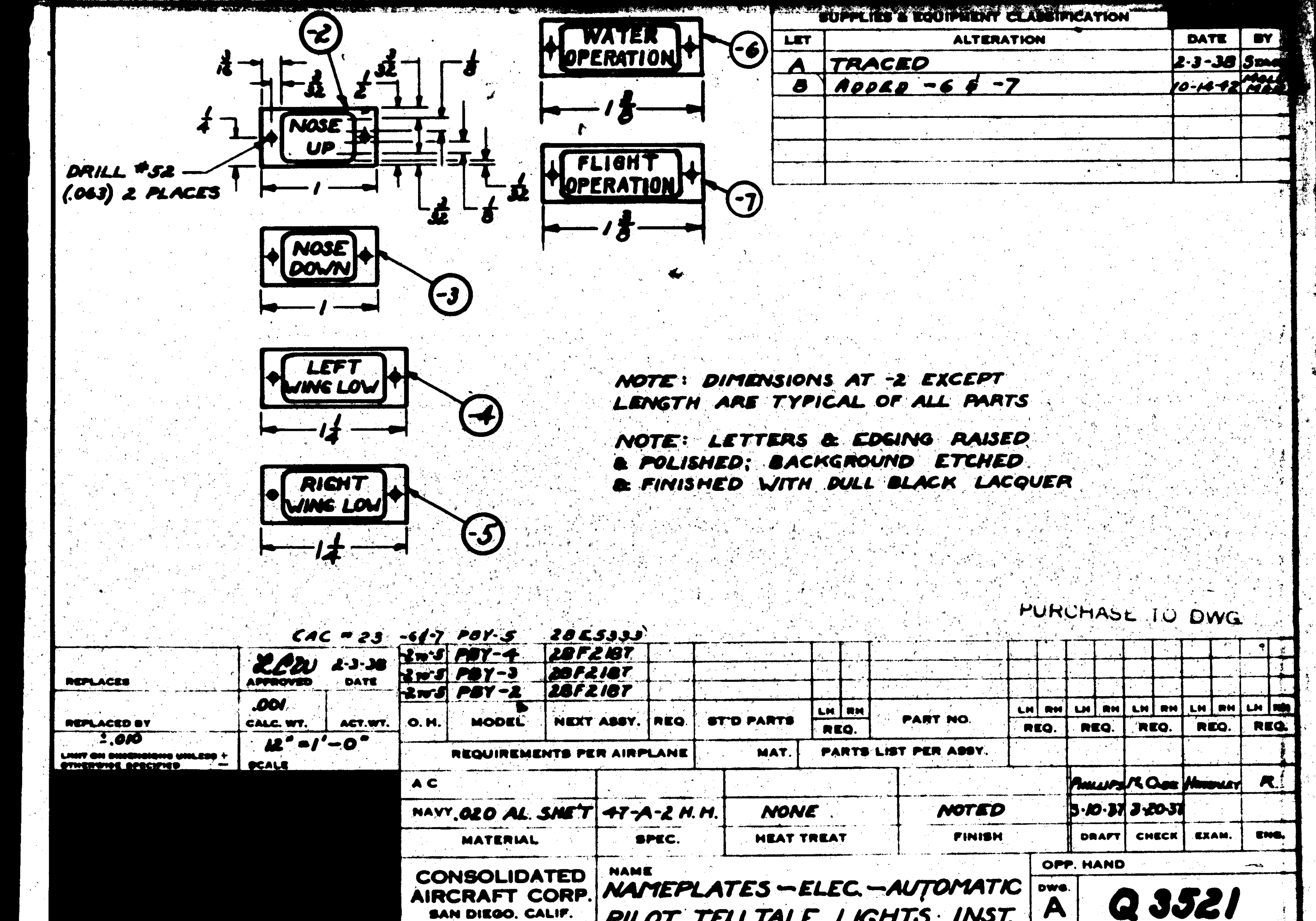
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

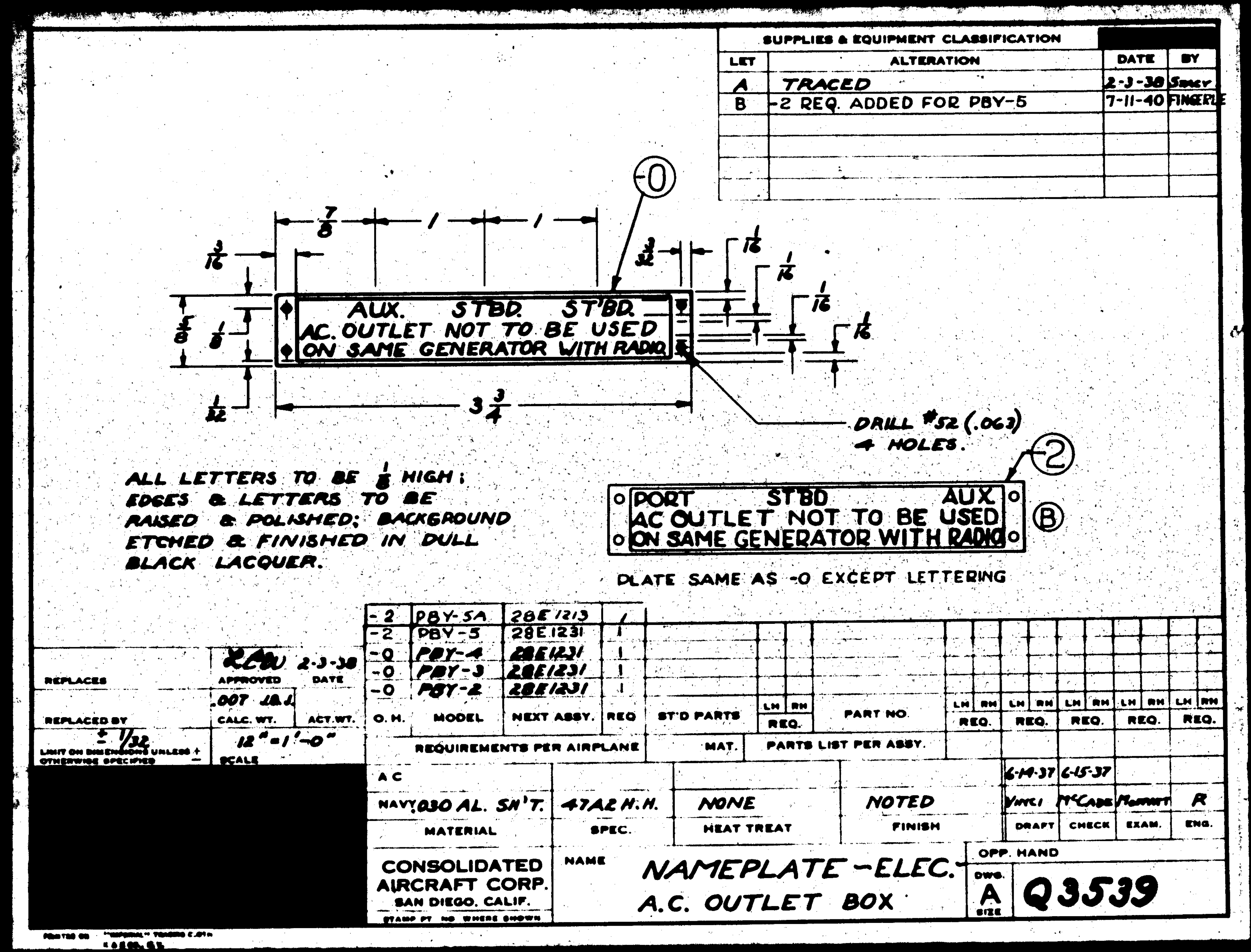
NAME: NAMEPLATE
FURNS.
ENGINE FUEL CROSS FEED

OPP. HAND

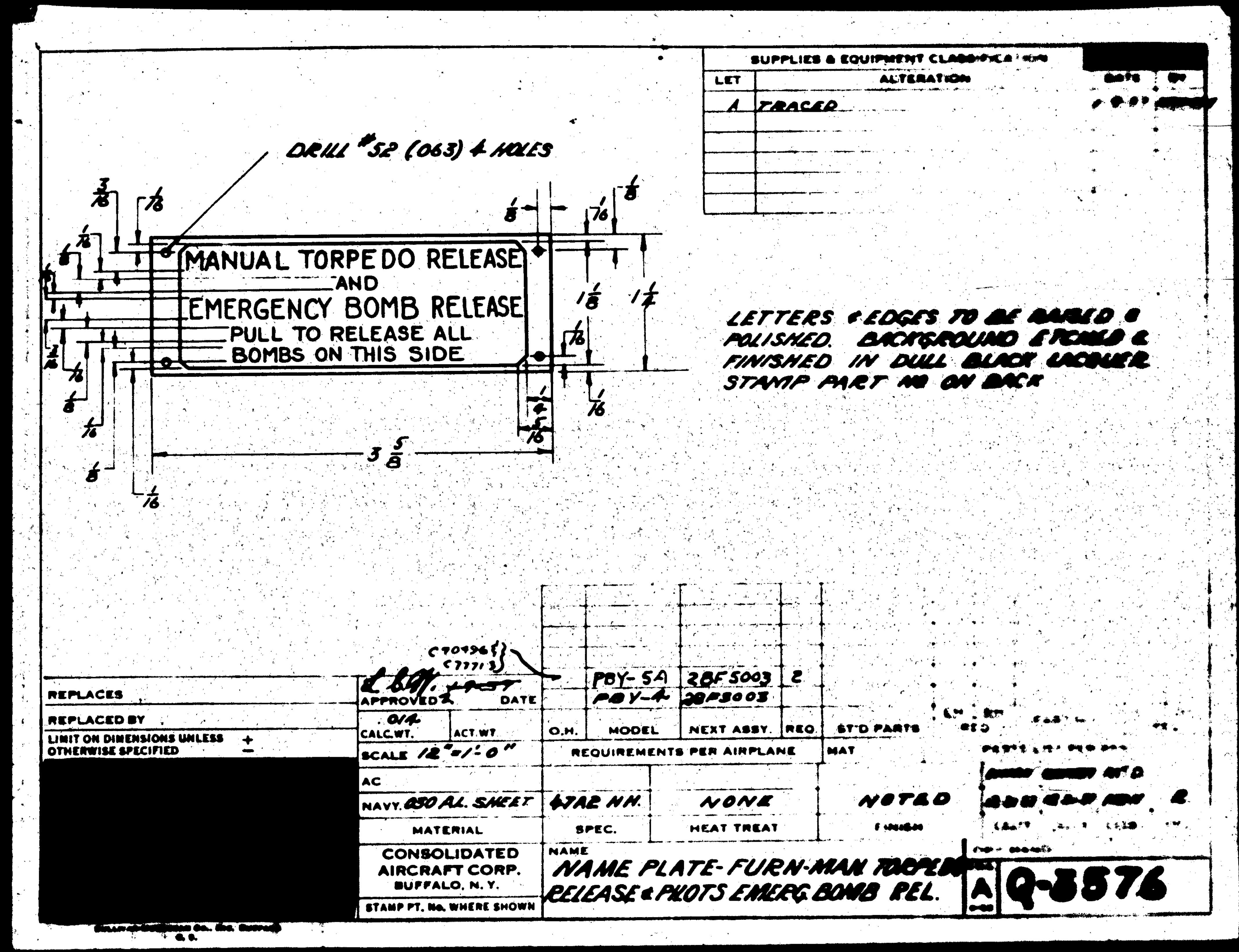
DWG. SIZE A — Q3507


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED | 2-8-38 | STACY
C | ADDED PBY-5A & PBY-5 REQ.
ADDED NOTE FOR FLUORESCENT LIGHT | 1-26-42 | MOORE
ON
BANK
OFF
LEFT
GYRO
RIGHT
-5
-9
-6
-11
-10
-12
-3
-4
POWER
DIM-BRIGHT
DIMENSIONS OF -4 EXCEPT LENGTHS ARE TYPICAL OF ALL PARTS
LETTERS & EDGING RAISED & POLISHED; BACKGROUND ETCHED & FINISHED WITH DULL BLACK LACQUER.
DRILL #52 (.063) 2 HOLES
DRILL #52 (.063) 4 HOLES
-13
-14
CUT -8
AILERON
ELEVATOR
RUDDER
DRILL #52 (.063) 2 HOLES
5
-8
NOTE:- MAKE -13 & -14 FROM -8 BY CUTTING AS SHOWN.
THIS SPACE TO BE AS LARGE AS LETTERING WILL ALLOW
NOTE:
WHEN "F" FOLLOWS PART NUMBER LETTERS TO BE RECESSED & FILLED WITH PALE GREEN FLUORESCENT LACQUER (#10 U.S. RADIUM CO. OR EQUIV.) BACKGROUND DULL BLACK.
-7
BANK CENTER
2
-2
AILERON
ELEVATOR
RUDDER
REPLACES
APPROVED
2-8-38
DATE
REPLACED BY
CALC. WT.
ACT. WT.
± .010
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
12" = 1'-0"
SCALE
PBY-4 | SEE B.M.
PBY-3 | SEE B.M.
PBY-2 | SEE B.M.
PBY-5A/IB | SEE B.M.
PBY-5 | SEE B.M.
O. H. | MODEL | NEXT ASSY. | REQ.
[redacted]
LH RH LH RH LH RH LH RH LH RH
REQ. REQ. REQ. REQ. REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
A C
1
NAVY .020 AL. SHEET
47A2 N.H.
NONE
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
2-11-37
3-6-37
H.W.H.
R.
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME
NAMEPLATES - ELEC. - SWITCH & RECEPTACLE
OPP. HAND
DWG. A SIZE
Q3511

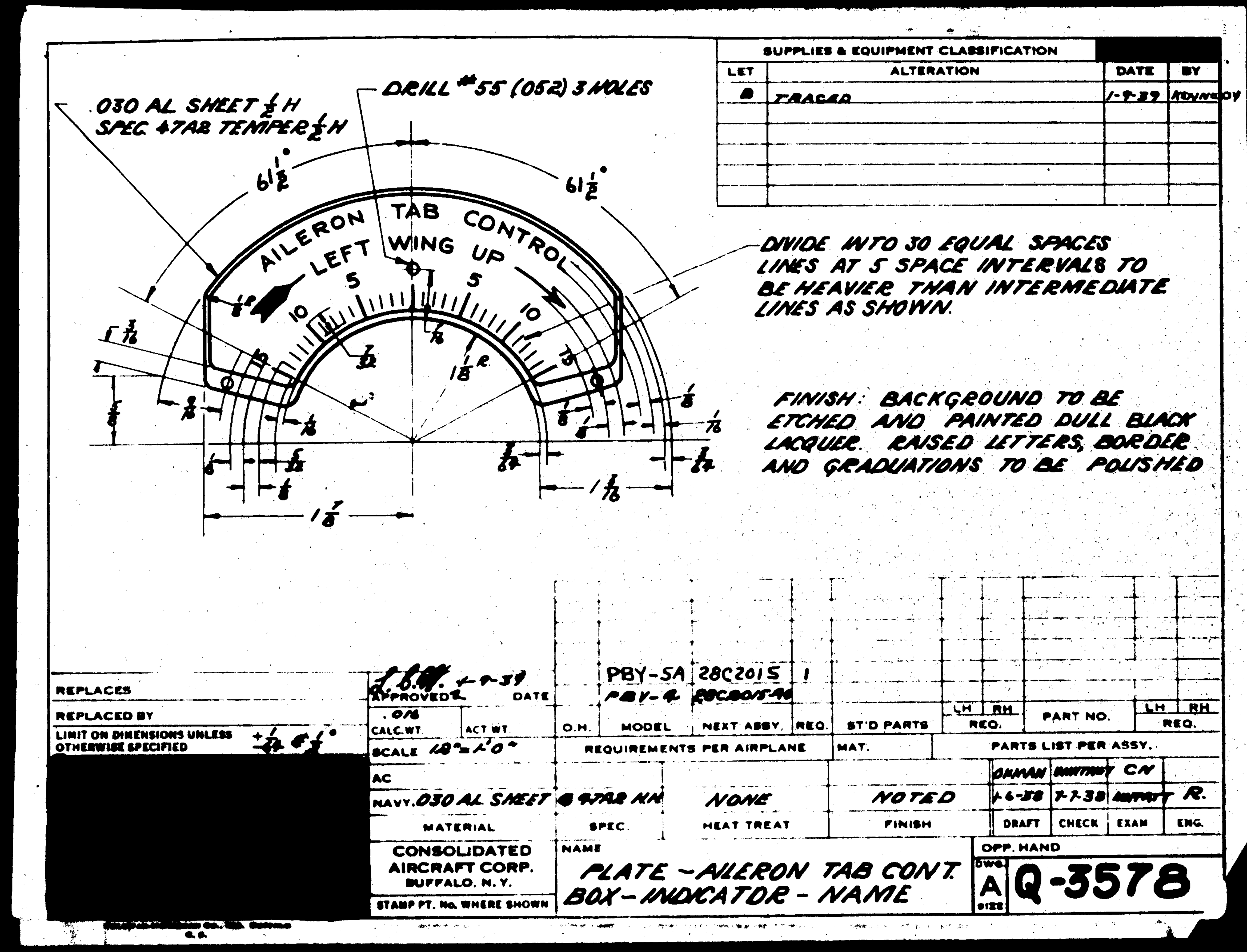

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A TRACED 2-3-38
B ADDED -6 & -7 10-14-42
NOSE UP
-2
DRILL #52 (.063) 2 PLACES
NOSE DOWN
-3
LEFT WING LOW
-4
RIGHT WING LOW
-5
WATER OPERATION
-6
FLIGHT OPERATION
-7
NOTE: DIMENSIONS AT -2 EXCEPT LENGTH ARE TYPICAL OF ALL PARTS
NOTE: LETTERS & EDGING RAISED & POLISHED; BACKGROUND ETCHED & FINISHED WITH DULL BLACK LACQUER
PURCHASE TO DWG
CAC #23 -6 & -7 PBY-5 28E5333
-2 to -5 PBY-4 28F2187
-2 to -5 PBY-3 28F2187
-2 to -5 PBY-2 28F2187
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO.
REQUIREMENTS PER AIRPLANE MAT. PARTS LIST PER ASSY.
REPLACES
APPROVED 2-3-38 DATE
REPLACED BY
.001 CALC. WT. ACT. WT.
±.010 LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
12" = 1'-0" SCALE
AC
NAVY .020 AL. SHE'T 47-A-2 H.H. NONE NOTED
MATERIAL SPEC. HEAT TREAT FINISH
Phillips McCabe 3-10-37 3-20-37
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
NAME NAMEPLATES — ELEC. — AUTOMATIC PILOT TELLTALE LIGHTS INST.
OPP. HAND
DWG. A SIZE Q 3521



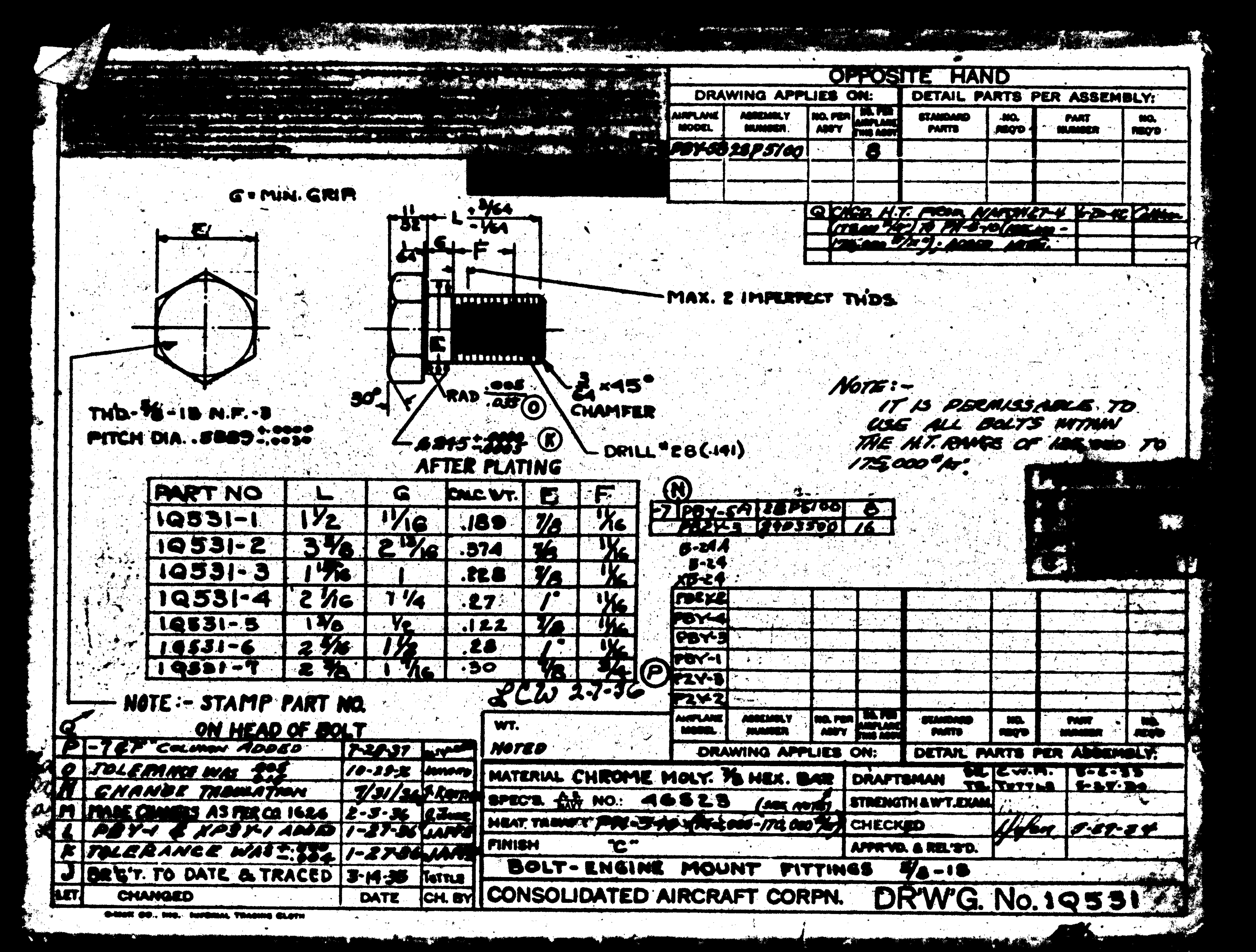
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 2-3-38
B | -2 REQ. ADDED FOR PBY-5 | 7-11-40 | FINGERLE
-0
7/8
1
1
3/16
3/32
1/16
1/16
1/16
1/16
5/8
1/8
1/32
3 3/4
AUX. STBD. ST'BD.
AC. OUTLET NOT TO BE USED
ON SAME GENERATOR WITH RADIO
DRILL #52 (.063)
4 HOLES.
ALL LETTERS TO BE 1/8 HIGH;
EDGES & LETTERS TO BE
RAISED & POLISHED; BACKGROUND
ETCHED & FINISHED IN DULL
BLACK LACQUER.
-2
PORT ST'BD AUX
AC OUTLET NOT TO BE USED
ON SAME GENERATOR WITH RADIO
B
PLATE SAME AS -0 EXCEPT LETTERING
-2 | PBY-5A | 28E1213 | 1
-2 | PBY-5 | 28E1231 | 1
-0 | PBY-4 | 28E1231 | 1
-0 | PBY-3 | 28E1231 | 1
-0 | PBY-2 | 28E1231 | 1
O. H. | MODEL | NEXT ASSY. | REQ
ST'D PARTS
LH RH REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
2-3-38
APPROVED
DATE
.007 LB.
REPLACED BY
CALC. WT.
ACT. WT.
± 1/32
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
12" = 1'-0"
SCALE
A C
NAVY .030 AL. SH'T.
MATERIAL
47A2 H.H.
SPEC.
NONE
HEAT TREAT
NOTED
FINISH
6-14-37
6-15-37
McCabe
R
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME
NAMEPLATE - ELEC.
A.C. OUTLET BOX
OPP. HAND
DWG.
A
SIZE
Q3539



SUPPLIES & EQUIPMENT CLASSIFICATION
[redacted]
LET
ALTERATION
A TRACED
DRILL #52 (.063) 4 HOLES
MANUAL TORPEDO RELEASE
AND
EMERGENCY BOMB RELEASE
PULL TO RELEASE ALL
BOMBS ON THIS SIDE
3 5/8
1 1/8
1 1/4
LETTERS & EDGES TO BE BARBED & POLISHED. BACKGROUND ETCHED & FINISHED IN DULL BLACK LACQUER
STAMP PART NO ON BACK
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −
[redacted]
APPROVED
DATE
.014
CALC.WT.
ACT.WT.
PBY-5A 28F5003 2
PBY-4 28F5003
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT
AC
NAVY .050 AL. SHEET
47A2 NN.
NONE
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
NAME PLATE-FURN-MAN TORPEDO RELEASE & PILOTS EMERG. BOMB REL.
A
Q-3576



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED | 1-9-39
.030 AL SHEET 1/2 H
SPEC 47A8 TEMPER 1/2 H
DRILL #55 (.052) 3 HOLES
61 1/2°
61 1/2°
AILERON TAB CONTROL
LEFT WING UP
5 0 5
10 10
15 15
DIVIDE INTO 30 EQUAL SPACES
LINES AT 5 SPACE INTERVALS TO
BE HEAVIER THAN INTERMEDIATE
LINES AS SHOWN.
FINISH: BACKGROUND TO BE
ETCHED AND PAINTED DULL BLACK
LACQUER. RAISED LETTERS, BORDER
AND GRADUATIONS TO BE POLISHED
1 7/8
1 7/16
18 R.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
[redacted]
APPROVED
DATE
PBY-5A 28C2015 1
PBY-4
.016
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY .030 AL SHEET
NONE
NOTED
1-6-38
7-7-38
R.
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
PLATE - AILERON TAB CONT.
BOX - INDICATOR - NAME
OPP. HAND
DWG. A SIZE
Q-3578



PART NO	L	G	CALC. WT.	E	F
1Q531-1	1 1/2	11/16	.189	7/8	1/16
1Q531-2	3 3/8	2 13/16	.374	7/8	1/16
1Q531-3	1 9/16	1	.228	7/8	1/16
1Q531-4	2 1/16	1 1/4	.27	1"	1/16
1Q531-5	1 1/8	1/2	.122	7/8	1/16
1Q531-6	2 5/16	1 1/2	.28	1"	1/16
1Q531-7	2 3/8	1 1/16	.30	7/8	3/4

LET.	CHANGED	DATE	CH. BY
P	"E"&"F" COLUMN ADDED	7-29-37	
O	TOLERANCE WAS	10-29-36	
N	CHANGE TABULATION	7/31/36	
M	MADE CHANGES AS PER C.O. 1626	2-3-36	
L	PBY-1 & XP3Y-1 ADDED	1-27-36	
K	TOLERANCE WAS	1-27-36	
J	BR'G'T. TO DATE & TRACED	3-14-35	TUTTLE

C-35800 **CHART - MUSHROOM HEAD RIVET**
P-15-33

MATERIAL - ALUM. ALLOY SPEC. 43R5 GRADE C
HEAT TREAT - NAF SR-53 *"FINISH "Z"
*Z = ANODIZE

17 S AL. ALLOY RIVETS TO HAVE IDENTIFICATION MARKINGS AS FOLLOWS:
- RAISED TIT IN CENTER

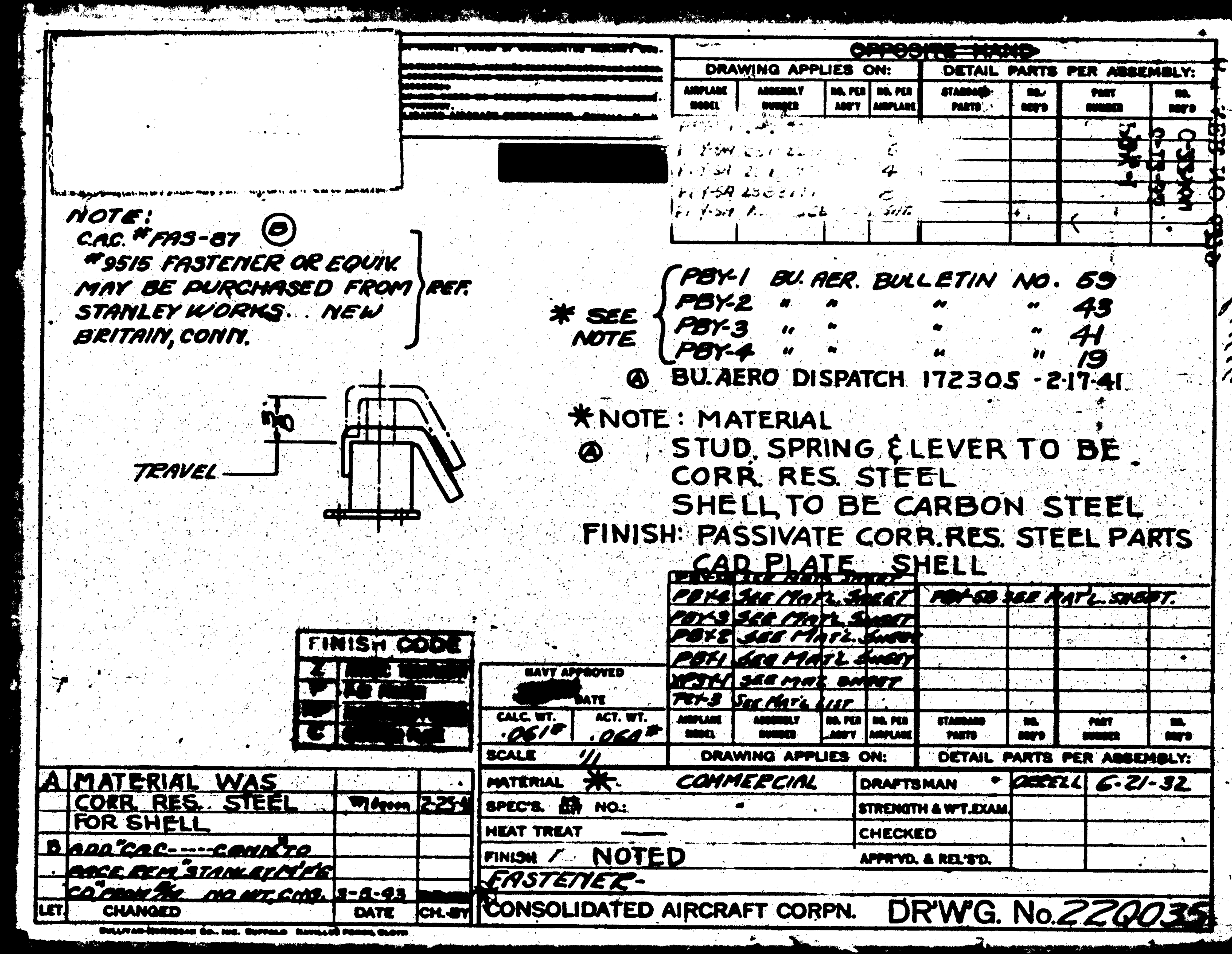
DIA.			3/32 +.003 -.001		1/8 +.0035 -.001		5/32 +.004 -.001		3/16 +.004 -.001		1/4 +.004 -.001		5/16 +.004 -.001		3/8 +.004 -.001		DIA.
B			3/16 ±.009		1/4 ±.012		5/16 ±.016		3/8 ±.019		1/2 ±.025		5/8 ±.031		3/4 ±.037		B
C			.058 ±.005		.078 ±.005		.0975 ±.006		.117 ±.007		.156 ±.009		.195 ±.012		.234 ±.014		C
L'GTH			GRIP	3/32	GRIP	1/8	GRIP	5/32	GRIP	3/16	GRIP	1/4	GRIP	5/16	GRIP	3/8	L'GTH
3/16				D3-3		D4-3				D6-3							3/16
1/4						D4-4		D5-4									1/4
5/16						D4-5		D5-5		D6-5							5/16
3/8				D3-6		D4-6		D5-6		D6-6		D8-6					3/8
7/16				D3-7		D4-7		D5-7		D6-7		D8-7					7/16
1/2						D4-8		D5-8		D6-8		D8-8		D10-8			1/2
9/16						D4-9		D5-9		D6-9		D8-9		D10-9			9/16
5/8						D4-10		D5-10		D6-10		D8-10		D10-10		D12-10	5/8
11/16						D4-11		D5-11		D6-11		D8-11		D10-11		D12-11	11/16
3/4						D4-12		D5-12		D6-12		D8-12		D10-12		D12-12	3/4
13/16						D4-13		D5-13		D6-13		D8-13		D10-13		D12-13	13/16
7/8						D4-14		D5-14		D6-14		D8-14		D10-14		D12-14	7/8
15/16						D4-15		D5-15		D6-15		D8-15		D10-15		D12-15	15/16
1						D4-16		D5-16		D6-16		D8-16		D10-16		D12-16	1
1 1/16 / 1 1/8						D4-18		D5-18		D6-18		D8-18		D10-18		D12-18	1 1/8
1 1/4						D4-20		D5-20		D6-20		D8-20		D10-20		D12-20	1 1/4
1 3/8						D4-22		D5-22		D6-22		D8-22		D10-22		D12-22	1 3/8
1 1/2						D4-24		D5-24		D6-24		D8-24				D12-24	1 1/2
1 5/8								D5-26		D6-26		D8-26		D10-26		D12-26	1 5/8
1 3/4								D5-28		D6-28		D8-28		D10-28		D12-28	1 3/4
1 7/8										D6-30		D8-30		D10-30		D12-30	1 7/8
2										D6-32		D8-32		D10-32		D12-32	2
2 1/4										D6-36		D8-36		D10-36		D12-36	2 1/4
2 1/2										D6-40		D8-40		D10-40		D12-40	2 1/2
2 3/4										D6-44		D8-44		D10-44		D12-44	2 3/4
3										D6-48		D8-48		D10-48		D12-48	3
3 1/4												D8-52		D10-52		D12-52	3 1/4
3 1/2												D8-56		D10-56		D12-56	3 1/2
3 3/4														D10-60		D12-60	3 3/4
4														D10-64		D12-64	4

INACTIVE FOR NEW DESIGN

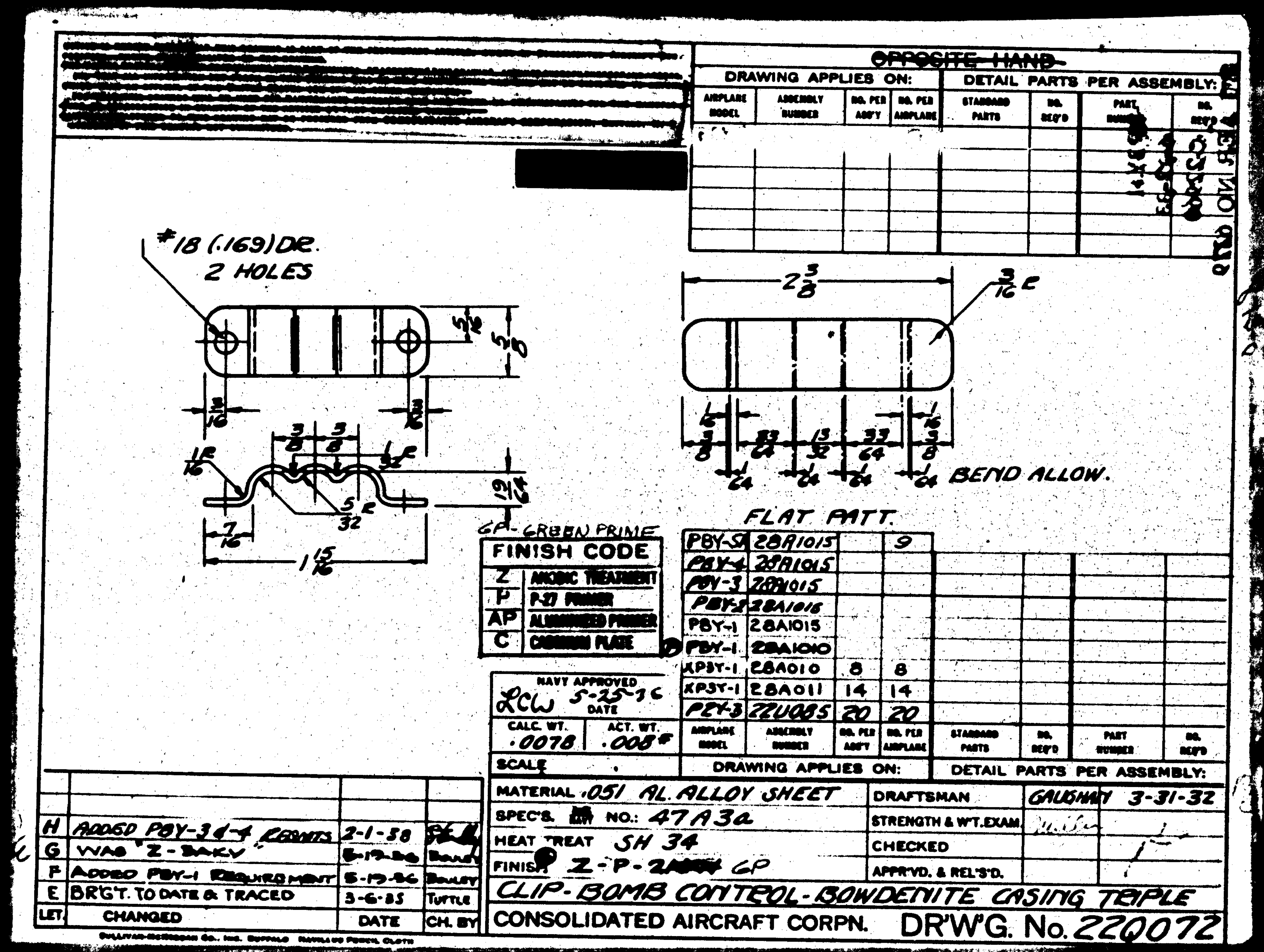
THIS DWG. REPLACED BY Q4305 & AN442 (1-30-42) - NOTE: WHEN USED ON OUTSIDE SURFACE OF AIRPLANE, SUBST. Q4305 D(17ST) FOR 22Q013 - WHEN USED ON INSIDE OF AIRPLANE, SUBST. AN442 D(17ST) FOR 22Q013.

RCW 9-10-36

CONSOLIDATED AIRCRAFT CORP. DRW'G NO. 22Q013



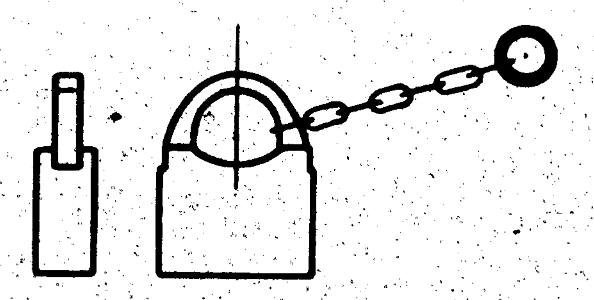
[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
NOTE:
C.A.C. #FAS-87 (B)
#9515 FASTENER OR EQUIV.
MAY BE PURCHASED FROM
STANLEY WORKS.. NEW
BRITAIN, CONN.
REF.
* SEE NOTE
PBY-1 BU. AER. BULLETIN NO. 59
PBY-2 " " " " 43
PBY-3 " " " " 41
PBY-4 " " " " 19
(A) BU. AERO DISPATCH 172305 - 2-17-41
TRAVEL
*NOTE: MATERIAL
(A) STUD, SPRING & LEVER TO BE
CORR. RES. STEEL
SHELL TO BE CARBON STEEL
FINISH: PASSIVATE CORR. RES. STEEL PARTS
CAD PLATE SHELL
PBY-4 SEE MAT'L. SHEET
PBY-5B SEE MAT'L. SHEET.
PBY-3 SEE MAT'L. SHEET
PBY-2 SEE MAT'L. SHEET
PBY-1 SEE MAT'L. SHEET
XP3Y-1 SEE MAT'L. SHEET
P3Y-3 SEE MAT'L LIST
FINISH CODE
Z [redacted]
Y [redacted]
X [redacted]
C [redacted]
NAVY APPROVED
[redacted]
DATE
CALC. WT. .061#
ACT. WT. .060#
SCALE 1/1
MATERIAL * COMMERCIAL
SPEC'S. NO.:
HEAT TREAT ——
FINISH / NOTED
DRAFTSMAN DERELL 6-21-32
STRENGTH & WT. EXAM.
CHECKED
APPR'VD. & REL'S'D.
FASTENER-
CONSOLIDATED AIRCRAFT CORPN.
DR'WG. No. 22Q035
A MATERIAL WAS CORR. RES. STEEL FOR SHELL 2-25-41
B ADD "C.A.C. ---- CONN." TO NOTE. REM. "STANLEY M'F'G CO." FROM NOTE NO WT. CHG. 3-5-43
LET. CHANGED DATE CH. BY


[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
#18 (.169) DR. 2 HOLES
$2\frac{3}{8}$
$\frac{3}{16}$ R
$\frac{5}{16}$
$\frac{5}{8}$
$\frac{3}{16}$
$\frac{3}{8}$
$\frac{1}{16}$ R
$\frac{1}{32}$ R
$\frac{5}{32}$ R
$\frac{19}{64}$
$\frac{7}{16}$
$1\frac{15}{16}$
$\frac{1}{16}$
$\frac{33}{64}$
$\frac{13}{32}$
$\frac{1}{64}$
BEND ALLOW.
FLAT PATT.
GP - GREEN PRIME
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5A 28A1015 9
PBY-4 28A1015
PBY-3 28A1015
PBY-2 28A1015
PBY-1 28A1015
PBY-1 28A1010
XP3Y-1 28A010 8 8
XP3Y-1 28A011 14 14
P2Y-3 22U085 20 20
NAVY APPROVED LCW 5-25-36 DATE
CALC. WT. .0078
ACT. WT. .008#
SCALE
MATERIAL .051 AL. ALLOY SHEET
SPEC'S. NAVY NO.: 47A3a
HEAT TREAT SH 34
FINISH Z-P-2 GP
DRAFTSMAN GALUSHA 3-31-32
STRENGTH & W'T. EXAM.
CHECKED
APPR'VD. & REL'S'D.
H ADDED PBY-3 & 4 REQMTS 2-1-38
G WAS "Z-BAKV" 5-19-36
F ADDED PBY-1 REQUIREMENT 5-19-36 BAILEY
E BRG'T. TO DATE & TRACED 3-6-35 TUTTLE
LET. CHANGED DATE CH. BY
CLIP - BOMB CONTROL - BOWDENITE CASING TRIPLE
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22Q072

[redacted]

~~OPPOSITE HAND~~

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5B	28F6527		2				
PBY-5B	28F4007		1				
PBY-5B	28F195		2				



NOTE: CAN BE PURCHASED FROM
H.D. TAYLOR CO.
BUFFALO, N.Y.

(J) EQIVALENT TO EAGLE LOCK #04604½C WITH 4" CHAIN & RING,

(K) OR, YALE LOCK #711½PB WITH 4" CHAIN & RING, & MAY BE PURCHASED FROM RITE HARDWARE MFG'G CO., GLENDALE, CALIF.

BURTON SPECIAL LOCK
MFGRS FINISH

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5A	28F6527		2				
PBY-5A	28F4007		1				
PBY-4		SEE	[illegible]				
PBY-3		SEE	[illegible]				
PBY-2		SEE	B.M.				
PBY-1		SEE	B.M.				
XP3Y-1	28F195	2	2				
P2Y-3	22F214	1	1				
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			

NAVY APPROVED: LCW — DATE 11-6-?

CALC. WT. .188# — ACT. WT. .22

SCALE 1/1

LET.	CHANGED	DATE	CH. BY
K	ADDED ALT. LOCK & VENDOR	4-7-42	[illegible]
J	NOTE ADDED	11-3-36	[illegible]
H	BR'G'T. TO DATE & TRACED	3-6-35	TUTTLE

MATERIAL	—	DRAFTSMAN	E.D. 11-12-31
SPEC'S. NO.:	COMMERCIAL	STRENGTH & W'T. EXAM	
HEAT TREAT	NONE	CHECKED	
FINISH	NOTED	APPR'VD. & REL'S'D.	

LOCK - FURN. - RADIO OPERATOR'S CONFIDENTIAL LOCKER

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22Q081

[redacted]

OPPOSITE HAND							
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
[illegible]	28G3010	-2	2				
[illegible]	28-0-2018	-2	2				

① MFG'S #14½

② MFG'S #111½

③ MFG'S #110½

PURCHASED FROM
HAMMACHER, SCHLEMMER
& Co., INC. NEW YORK
CATALOG #600 PAGE 692

	AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
[illegible]	[illegible]	[illegible]		[illegible]				
[illegible]	[illegible]	[illegible]		[illegible]				
-2	PB2Y-2	29-0-1004		4				
-2	PB2Y-2	29G1003		2				
-2	XPB2Y-1	29G015						
-2	[illegible]	28-0-2018						
-2	[illegible]	28-0-2018						
-2	[illegible]	28G3010						
-1	[illegible]	28G1025						
-1	20A	20B081						
[illegible]	P2Y-3	22P434						

NAVY APPROVED LCW 11-18-35 DATE

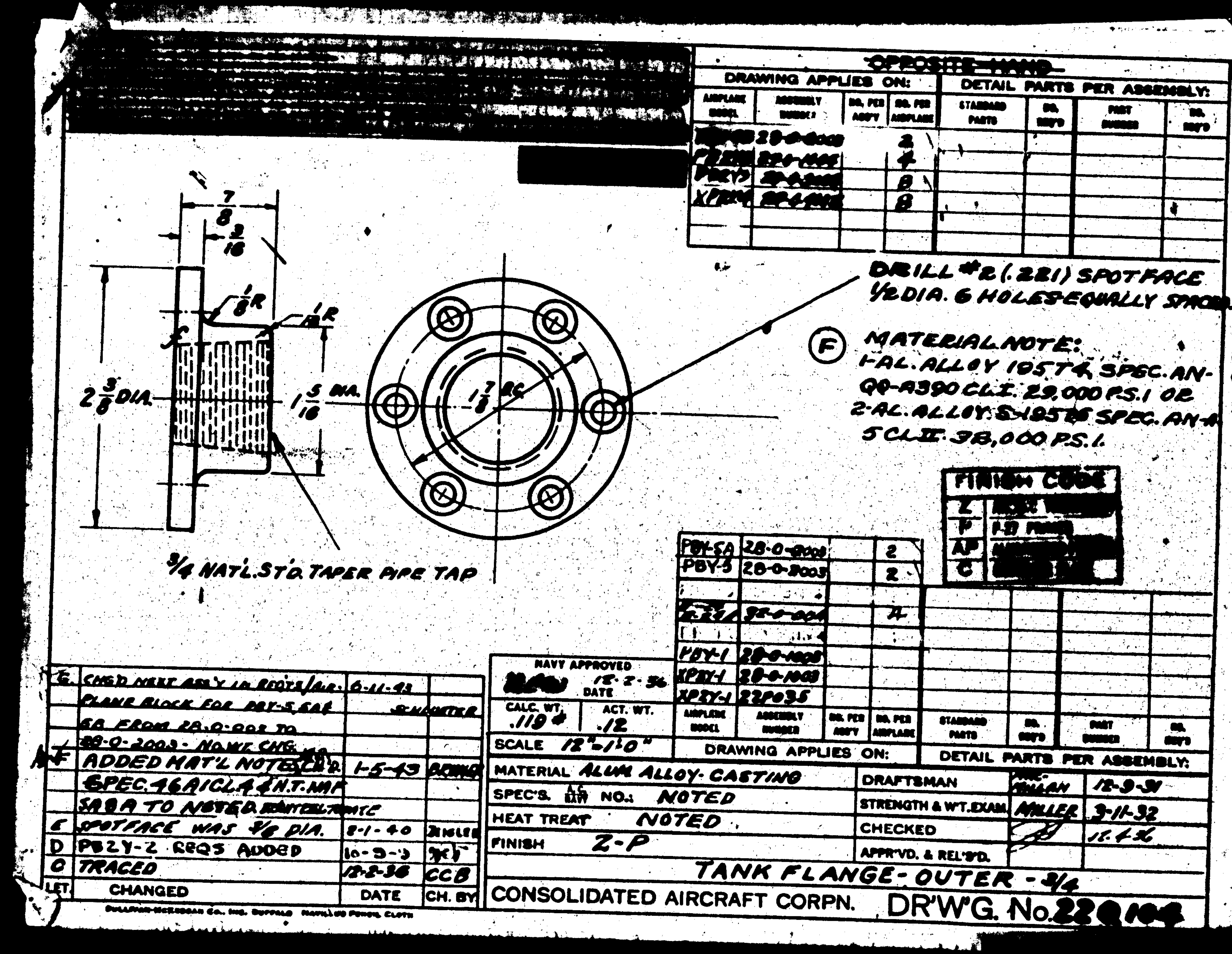
CALC. WT.	ACT. WT.	
.001#	.0015	
SCALE	1/1	DRAWING APPLIES ON: / DETAIL PARTS PER ASSEMBLY:

MATERIAL	COMMERCIAL	DRAFTSMAN	G.C.	12-1-31
SPEC'S. NAVY NO.:	"	STRENGTH & W'T. EXAM.		
HEAT TREAT	NONE	CHECKED		
FINISH	"	APPR'VD. & REL'S'D.		

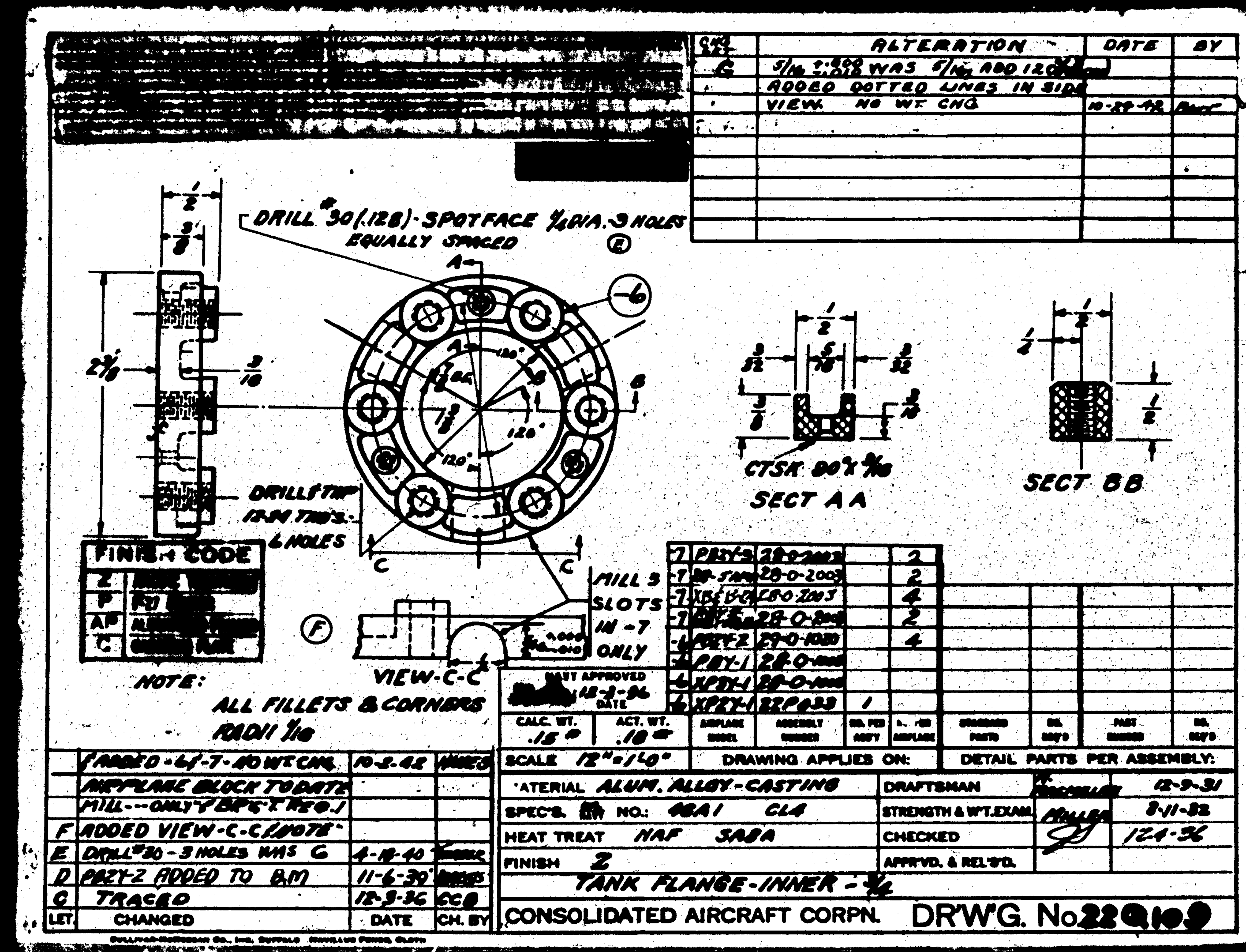
LET.	CHANGED	DATE	CH. BY
E	PB2Y-2 Reqs ADDED	10-3-39	[illegible]
D	PBY-2 ADDED	10-28-36	[illegible]
C	PBY1 ADDED	11-16-35	JAME
B	BR'G'T. TO DATE & TRACED	3-7-35	TUTTLE

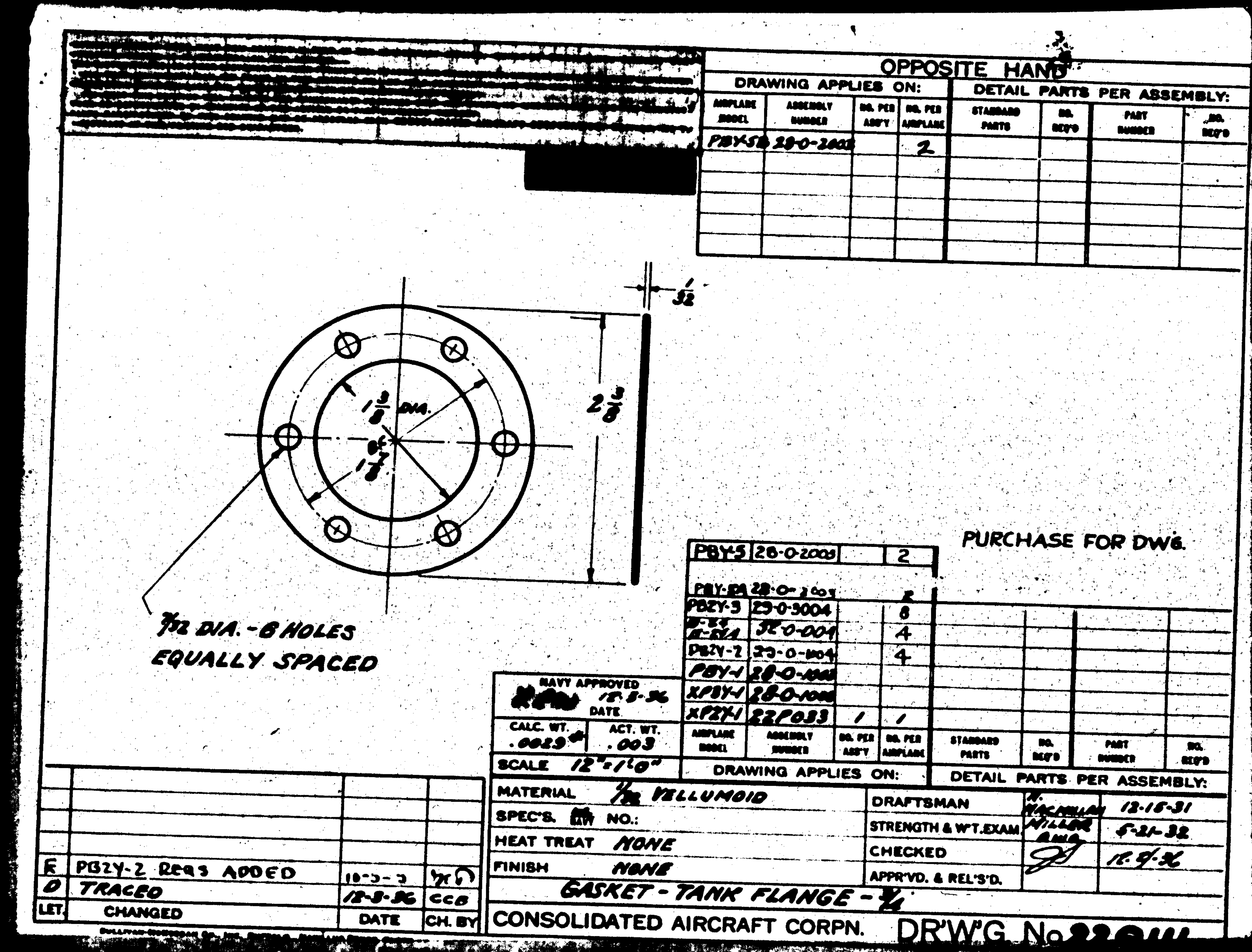
FRICTION FASTENER

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22Q098

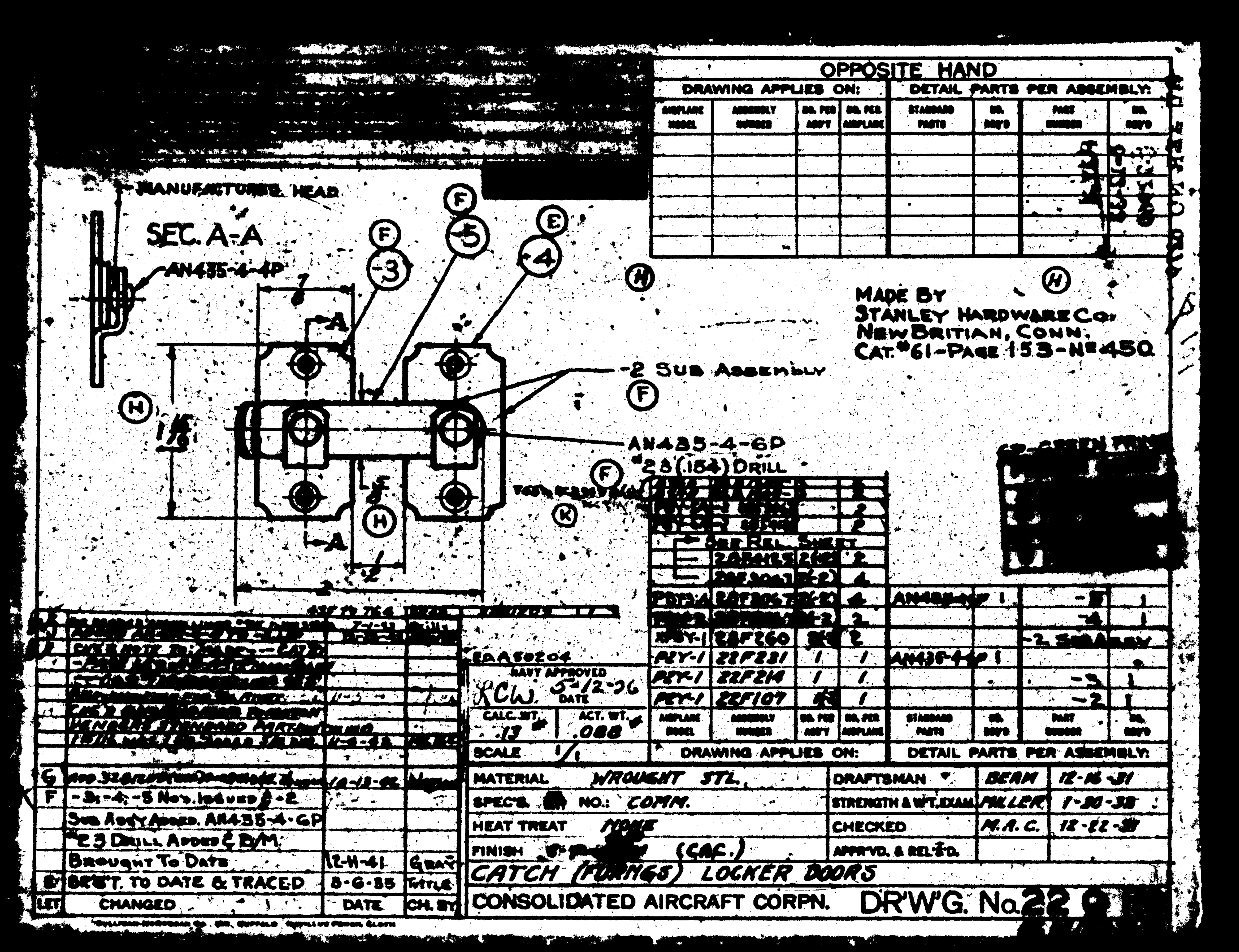


[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
DETAIL PARTS PER ASSEMBLY:
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
[redacted]
2
4
8
8
7/8
3/16
1/8 R
1/8 R
2 3/8 DIA.
1 5/16 DIA.
1 7/8
3/4 NAT'L. STD. TAPER PIPE TAP
DRILL #2 (.221) SPOTFACE 1/2 DIA. 6 HOLES EQUALLY SPACE
F MATERIAL NOTE:
1-AL. ALLOY 195T4 SPEC. AN-QQ-A390 CL.I. 29,000 P.S.I OR
2-AL. ALLOY S-195T6 SPEC. AN-A
5 CL.II. 38,000 P.S.I.
FINISH CODE
Z [redacted]
P [redacted]
AP [redacted]
C [redacted]
PBY-5A 28-0-2003 2
PBY-5 28-0-2003 2
4
PBY-1 28-0-1003
XPBY-1 28-0-1003
XP3Y-1 22P035
NAVY APPROVED
[redacted] 12-2-36
DATE
CALC. WT. .119#
ACT. WT. .12
SCALE 12"=1'0"
G CHG'D NEXT ASS'Y IN
F ADDED MAT'L NOTES 1-5-43
E SPOTFACE WAS 3/8 DIA. 8-1-40
D PB2Y-2 REQS ADDED 10-3-39
C TRACED 12-2-36 CCB
LET. CHANGED DATE CH. BY
MATERIAL ALUM ALLOY CASTING
SPEC'S. A.C. NAVY NO.: NOTED
HEAT TREAT NOTED
FINISH Z-P
DRAFTSMAN 12-9-31
STRENGTH & WT. EXAM. MILLER 3-11-32
CHECKED 12-4-36
APPR'VD. & REL'S'D.
TANK FLANGE - OUTER - 3/4
CONSOLIDATED AIRCRAFT CORPN.
DR'WG. No. [redacted]


[redacted]
ALTERATION
DATE
BY
G
ADDED DOTTED LINES IN SIDE
VIEW. NO WT. CHG.
10-29-42
DRILL #30 (.128) - SPOTFACE 1/4 DIA. - 3 HOLES
EQUALLY SPACED
E
A
-6
1/2
3/8
2 7/8
3/16
120°
B
DRILL & TAP
12-24 THD'S.
6 HOLES
C
MILL 3
SLOTS
IN -7
ONLY
VIEW-C-C
F
SECT AA
CTSK 90° x 5/16
SECT BB
FINISH CODE
Z
P
AP
C
NOTE:
ALL FILLETS & CORNERS
RADII 1/16
NAVY APPROVED
12-2-36
DATE
CALC. WT. .15#
ACT. WT. .10#
SCALE 12" = 1'-0"
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
MATERIAL ALUM. ALLOY - CASTING
SPEC'S. NO.: 46A1 CL4
HEAT TREAT NAF SA8A
FINISH Z
DRAFTSMAN 12-9-31
STRENGTH & WT. EXAM. 8-11-32
CHECKED 12-4-36
APPR'VD. & REL'S'D.
TANK FLANGE - INNER - 3/4
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No 22Q109
F ADDED -6 & -7 - NO WT. CHG. 10-2-42
AIRPLANE BLOCK TO DATE
MILL --- ONLY
F ADDED VIEW-C-C & NOTE
E DRILL #30 - 3 HOLES WAS G 4-18-40
D PB2Y-2 ADDED TO B.M. 11-6-39
C TRACED 12-3-36 CCB
LET. CHANGED DATE CH. BY



[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
2
1/32
2 3/8
1 3/8 DIA.
1 7/8
7/32 DIA. - 6 HOLES
EQUALLY SPACED
PURCHASE FOR DWG.
PBY-5 | 28-0-2005 | | 2
PBZY-3 | 29-0-3004 | | 8
PBZY-2 | 29-0-1004 | | 4
XPBY-1
XPZY-1 | 22P033 | 1 | 1
NAVY APPROVED
DATE
CALC. WT. .0029
ACT. WT. .003
SCALE 12" = 1'0"
MATERIAL 1/32 VELLUMOID
SPEC'S. NO.:
HEAT TREAT NONE
FINISH NONE
DRAFTSMAN
STRENGTH & W'T. EXAM.
CHECKED
APPR'VD. & REL'S'D.
12-15-31
5-21-32
PBZY-2 REQS ADDED
TRACED
LET.
CHANGED
DATE
CH. BY
CCB
GASKET - TANK FLANGE
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G No



OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
MANUFACTURER'S HEAD
SEC. A-A
AN435-4-4P
-3
-5
-4
MADE BY
STANLEY HARDWARE CO.
NEW BRITIAN, CONN.
CAT. #61 - PAGE 153 - No 450
-2 SUB ASSEMBLY
AN435-4-6P
#23 (.154) DRILL
SEE REL. SHEET
EDA 50204
NAVY APPROVED
5-12-36
DATE
CALC. WT.
.13
ACT. WT.
.088
SCALE
1/1
ASSY-1 22F260
ASSY-1 22F231
ASSY-1 22F214
ASSY-1 22F107
AN435-4-6P
-2 SUB ASSY
-3
-2
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
-3, -4, -5 NOS. ISSUED & -2
SUB ASSY ADDED. AN435-4-6P
#23 DRILL ADDED & B/M.
BROUGHT TO DATE 12-11-41
BRT. TO DATE & TRACED 8-6-35
LET. CHANGED DATE CH. BY
MATERIAL WROUGHT STL.
SPEC'S. NO.: COMM.
HEAT TREAT NONE
FINISH (CAC.)
DRAFTSMAN BEAM 12-16-31
STRENGTH & WT. EXAM. MILLER 1-30-32
CHECKED M.A.C. 12-22-31
APPR'VD. & REL'SD.
CATCH (FURNGS) LOCKER DOORS
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22

[redacted]

[redacted]

OPPOSITE HAND							
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D

SWIVEL SNAP HOOK
ROUND EYE SIZE 3/8"
#437 PAGE 68 NORTH & JUDD
MFG. CO. NEW BRITAIN, CONN.,
OR EQUIVALENT.

NOTE:
TO BE CADMIUM PLATED
BY MANUFACTURER

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5A	28P1027		1				
PBY-3	28P1027		4				
PBY-2	28P1027		2				
PBY-1	28P1027						
PBY-4	28P1027						
PBY-3	28P1027						
PBY-2	28P1027						
PBY-1	28P1027						
XP3Y-1	28P1027						
P2Y-3	22P566	1	2				

DRAWING APPLIES ON: / DETAIL PARTS PER ASSEMBLY:

NAVY APPROVED LCW 4-13-36 DATE

CALC. WT. .026 | ACT. WT. .028

SCALE NONE

LET.	CHANGED	DATE	CH. BY
D	PBY-3 REQ. (4) WAS (2)	9-8-41	
C	PBY-1 REQUIREMENTS ADDED	4-10-36	
B	BR'G'T. TO DATE & TRACED	3-6-35	SUTTLE

MATERIAL	CAST STEEL	DRAFTSMAN	MacMiller	12-18-31
SPEC'S. NO.:	COMM.	STRENGTH & W'T. EXAM.		
HEAT TREAT	NONE	CHECKED	W	1-2-32
FINISH	NOTED	APPR'VD. & REL'S'D.		

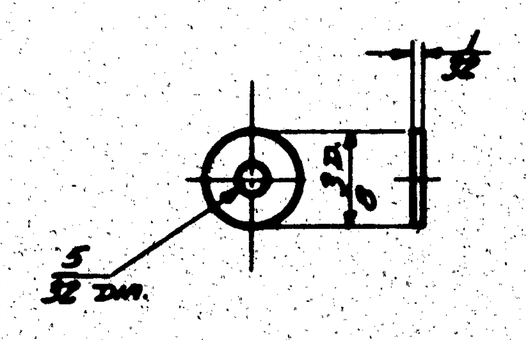
HOOK - HAND CRANK SAFETY CABLE

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22Q125

[redacted]

INACTIVE FOR NEW DESIGN

USE Q7006-H10-031



OPPOSITE HAND							
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5B	28-0-2003		800				
PBY-3	28-0-2003		1600				
PBY-5A	28-0-2003		800				
PB2Y-2	29-0-1003		1600				
B-24	32-0-003		1540				
XB-24	32-0-003		1540				
PBY-4	28-0-2003						
PBY-3	28-0-2003						
PBY-2	28-0-2003						
PBY-2	28-0-2011						
PBY-1	28-0-1031						
PBY-1	28-0-1003						
20A	20P067-1	12	12				
20A	25P067	12	12				
XBY-1	18P008	28	28				
XBY-1	18P012-1	95	95				
XBY-1	18P012	95	95				
XBY-1	18P010	18	18				
PBY-3	22P1005	548	1644				
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			

NAVY APPROVED XCW 9-17-36 DATE

CALC. WT. .0036# ACT. WT. .004#

SCALE 1/1

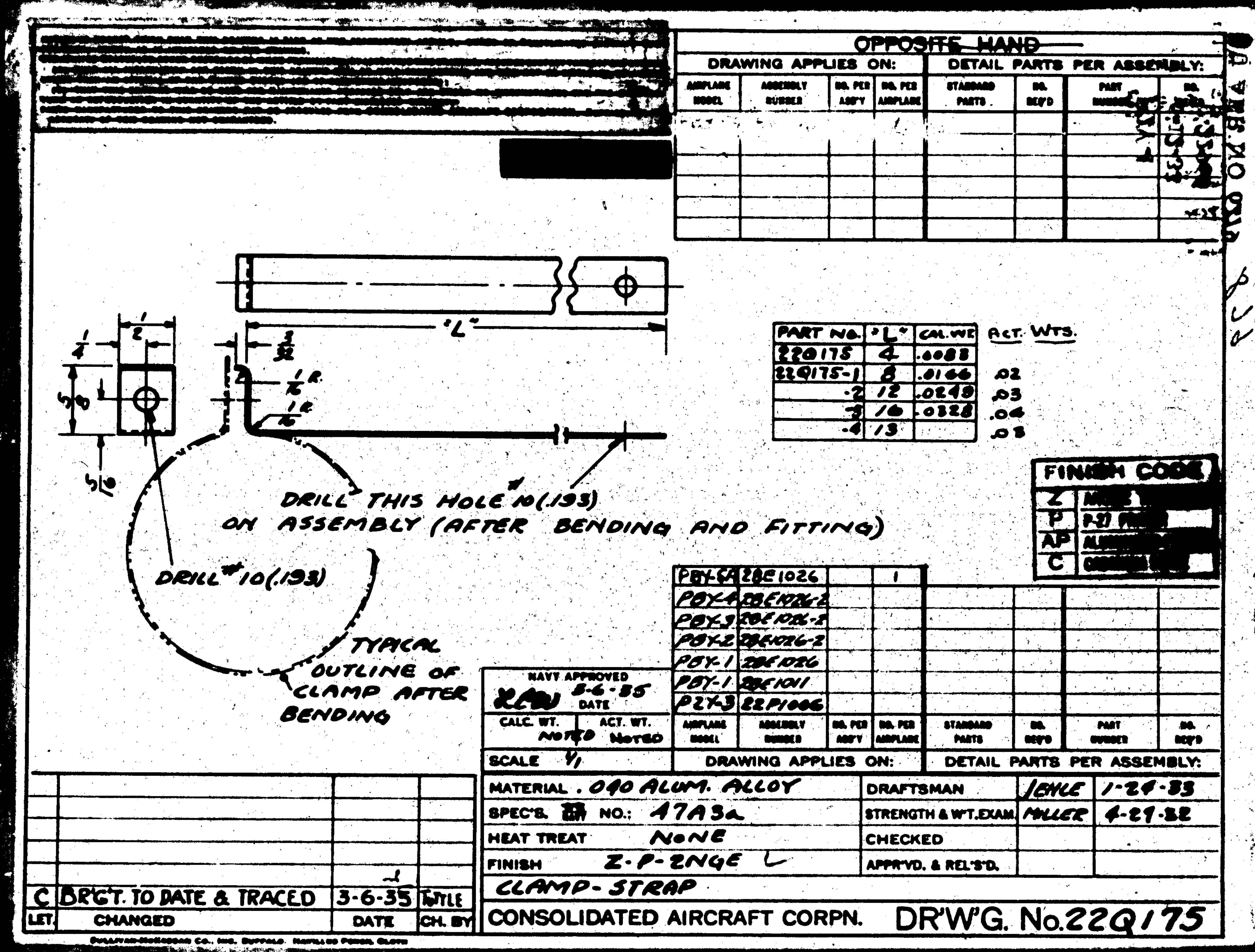
LET.	CHANGED	DATE	CH. BY
P	CHANGED NOTE-USE Q7006-H10-031 WAS USE Q7006-H10-031	11-5-42	SAUNDERS
O	ADDED NOTE-INACTIVE FOR NEW DESIGN-USE Q7006-H10-031	2-11-42	BABE
N	ADDED PB2Y-2 REQS.	11-3-39	DES
M	ADDED B-24 & XB-24 REQMTS	6-8-39	SUGGS
L	ADDED ASSEM. NO. 28-0-1003 & 28-0-1031 PBY-1 REQ'TS.	8-12-36	KALLIS
K	DR'G'T. TO DATE & TRACED	3-6-35	TUTTLE

MATERIAL	DUPRENE	DRAFTSMAN	BOWERS 2-11-32
SPEC'S. AC/NAVY NO.:	NONE	STRENGTH & W'T. EXAM.	MILLER 3-29-32
HEAT TREAT	NONE	CHECKED	
FINISH	NONE	APPR'VD. & REL'S'D.	

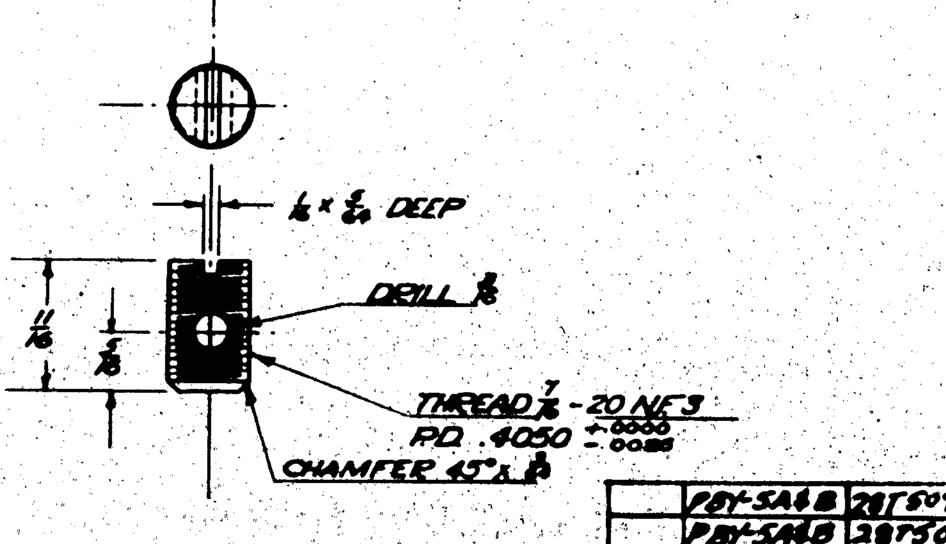
WASHER - FUEL & OIL TANKS

CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22Q136

SULLIVAN-McKEEGAN CO. INC. BUFFALO NAUTILUS PENCIL CLOTH


[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
"L"
1/2
1/4
3/32
5/8
5/16
1/16 R.
1/16 R.
DRILL THIS HOLE #10 (.193) ON ASSEMBLY (AFTER BENDING AND FITTING)
DRILL #10 (.193)
TYPICAL OUTLINE OF CLAMP AFTER BENDING
PART No. | "L" | CAL. WT. | ACT. WTS.
22Q175 | 4 | .0083 |
22Q175-1 | 8 | .0166 | .02
-2 | 12 | .0249 | .03
-3 | 16 | .0328 | .04
-4 | 13 | | .03
FINISH CODE
Z [redacted]
P [redacted]
AP [redacted]
C [redacted]
PBY-5A 28E1026 1
PBY-4 28E1026-2
PBY-3 28E1026-2
PBY-2 28E1026-2
PBY-1 28E1026
PBY-1 28E1011
P2Y-3 22P1006
NAVY APPROVED
5-6-35
DATE
CALC. WT. NOTED
ACT. WT. NOTED
SCALE 4/1
MATERIAL .040 ALUM. ALLOY
SPEC'S. NO.: 47A3a
HEAT TREAT NONE
FINISH Z-P-ZNGE
DRAFTSMAN JEHLE 1-24-33
STRENGTH & W'T. EXAM. MILLER 4-27-33
CHECKED
APPR'VD. & REL'S'D.
CLAMP - STRAP
C BR'G'T. TO DATE & TRACED 3-6-35
LET. CHANGED DATE CH. BY
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22Q175

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	11-28-36	[illegible]
C	IN B/M REPLACED SPEC. "46S23"		
	WITH "AN-QQ-S-684". IN H.T.		
	BLOCK REPLACED "N.A.F. SH 27-1"		
	WITH "120,000 TO 145,000#/□"		
	NO WT. CHG.	6-8-43	KNIGHT



[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5'S	28T5096	1 EA.
	28-5'S	28T5001	2 EA.
	PB1-5	28T5096	1
	PBY-5	28T5001	2
	PBY-5A&B	28T5096	1 EA.
	PBY-5A&B	28T5001	2 EA.
	PBY-4	28T2001	
	PBY-4	28T2005	
	PBY-3	28T2001	
	PBY-3	28T2005	
	PBY-2	28T2001	
	PBY-2	28T2005	
	PBY-1	28T004	
	PBY-1	28T1005	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010 & ½°

[illegible] 11-28-36
APPROVED DATE

CALC. WT.	ACT. WT.
.03	

SCALE 12" = 1'

	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC					ZERBE	[illegible]	GREEN	
NAVY	CHR. MOLY. ST.	AN-QQ-S-684	120,000 TO 145,000#/□"	C	8-17-36	12-1-36	3-6-36	

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME STUD-SHAFT-TAIL HINGE BEARING

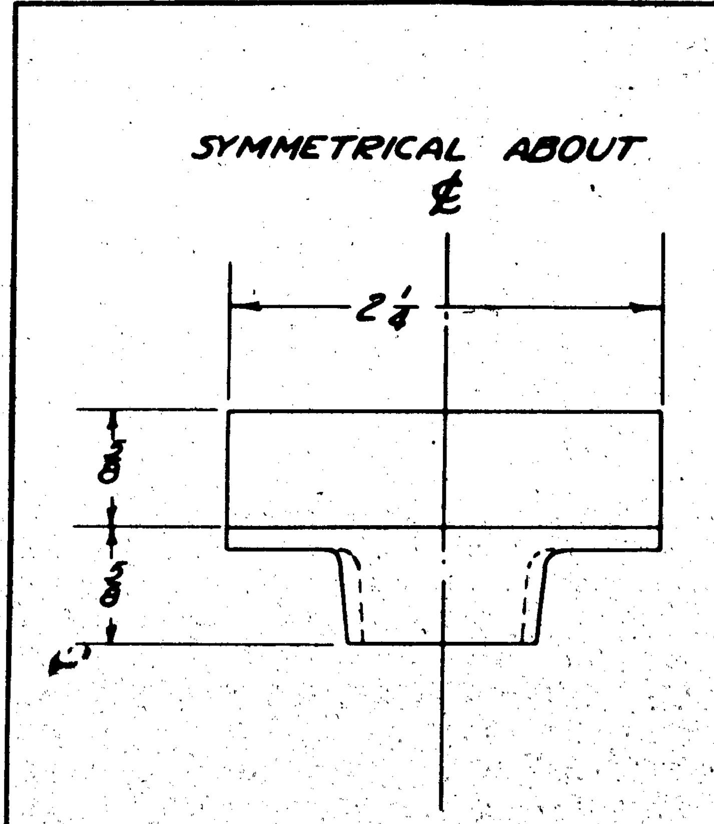
OPP. HAND

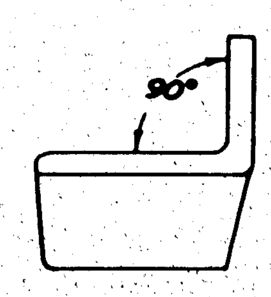
DWG. SIZE A 28T1036

SULLIVAN-HERRMAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

28T1036

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	11-28-36	[illegible]
B	THE WORD (FORGING) ADDED TO	12-28-37	[illegible]
	THE NOTE. 9T010 ADDED IN		
	"REPLACES" BOX IN TITLE BLOCK.		





NOTE: MAKE FROM 9T010 FORGING

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5B	28T014	2						
	PBY5A	28T014	2						
	PBY-4	28T014							
	PBY-3	28T014							
	PBY-2	28T014							
	PBY-1	28T014					9T010	1	
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES	9T010
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010
APPROVED	DATE
CALC. WT. .10	ACT. WT.
SCALE	12" = 1'-0"

	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC				[illegible]	[illegible]	[illegible]	
NAVY AL. ALLOY FORG.	NOTED	NONE	NONE	2-25-36	12-1-36	3-5-36	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

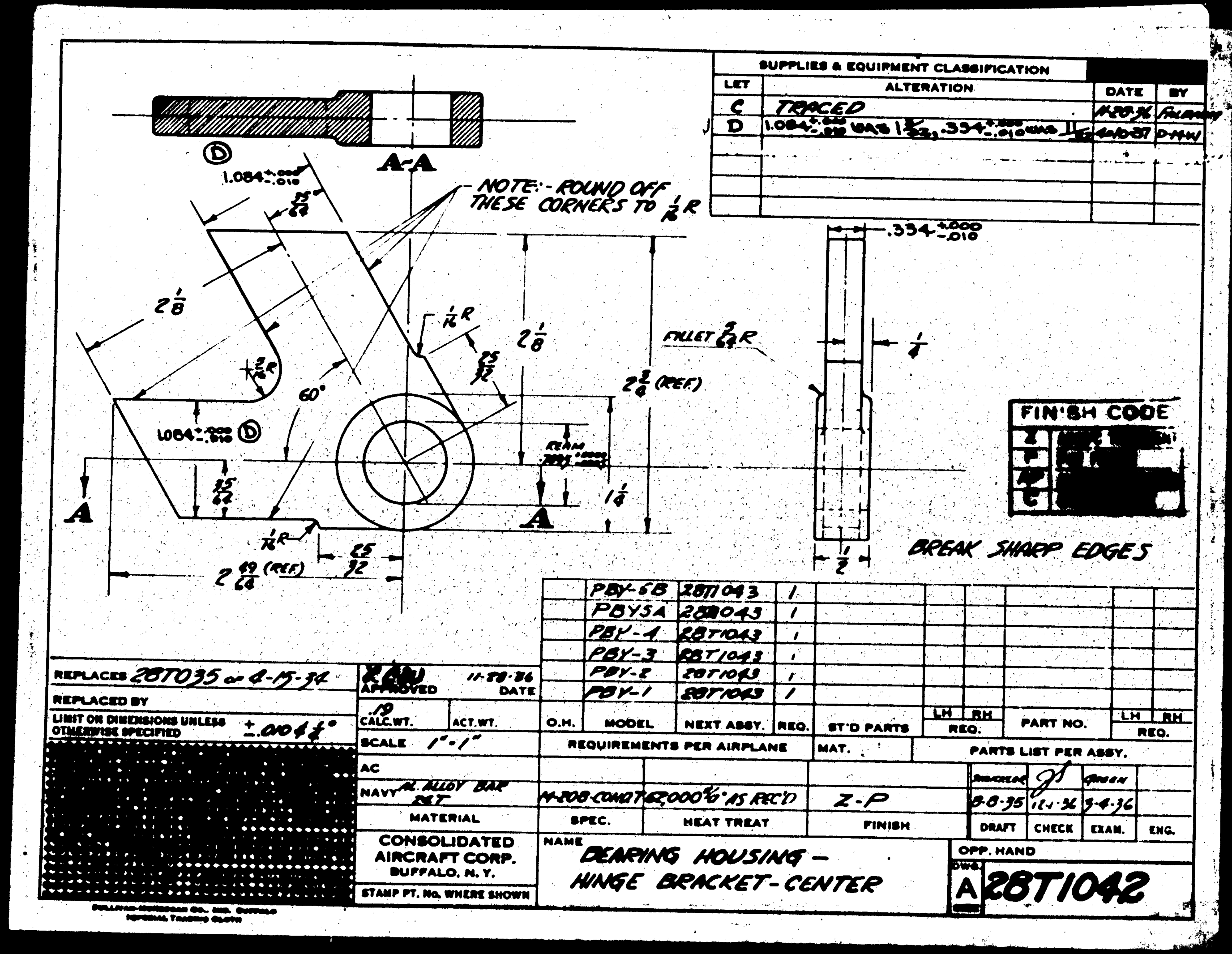
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: FITTING-TAIL-STABILIZER ATTACHMENT-NOSE

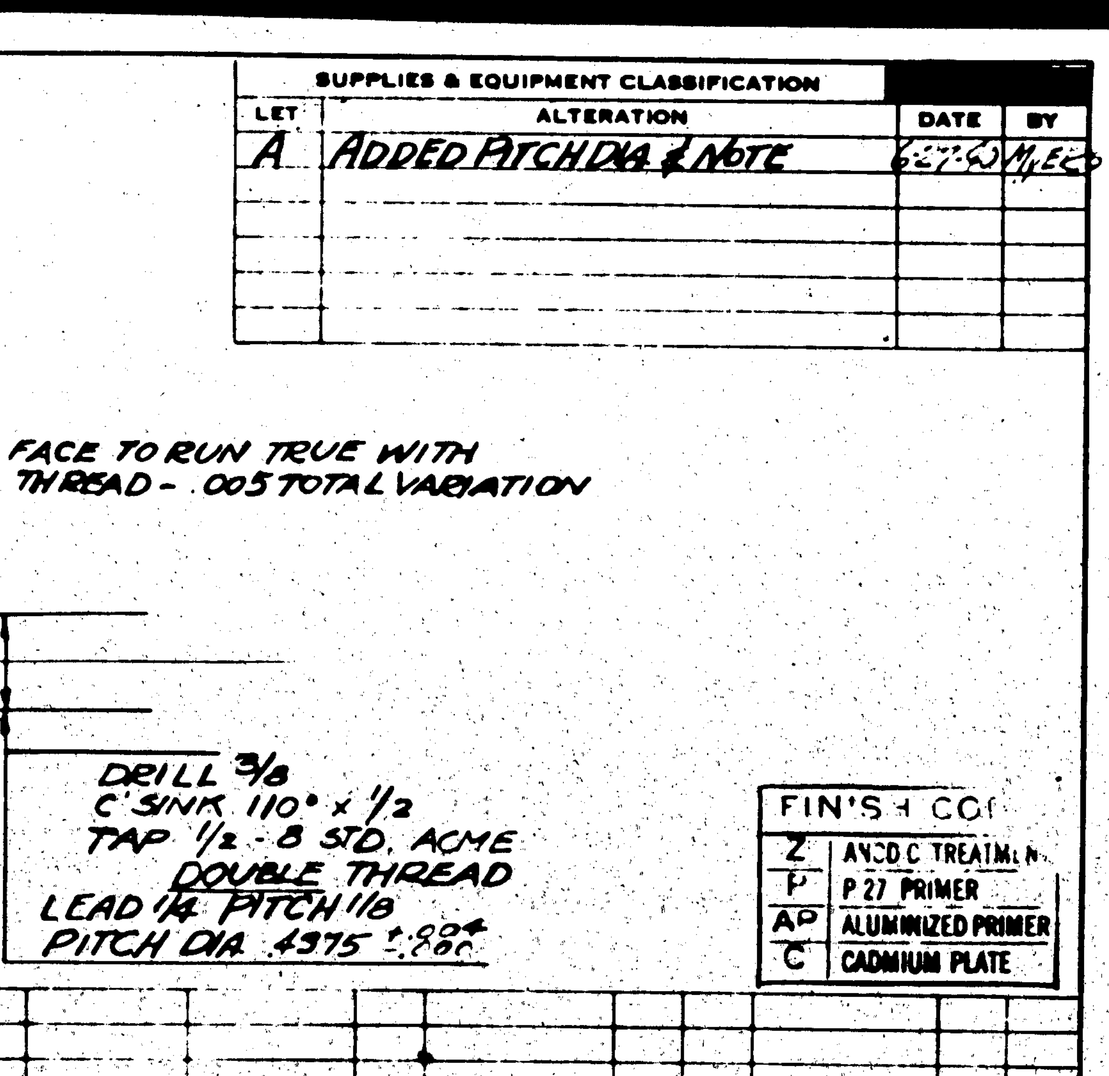
OPP. HAND

DWG. SIZE A — 28T1041


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
C
TRACED
D
A-A
NOTE:- ROUND OFF THESE CORNERS TO 1/16 R
1.084 +.000 -.010
35/64
2 1/8
1/16 R
25/32
2 1/8
2 3/8 (REF.)
FILLET 3/64 R
.334 +.000 -.010
1/4
60°
1.084 +.000 -.010
REAM
A
A
35/64
1 1/4
1/16 R
25/32
2 49/64 (REF.)
1/2
FIN'SH CODE
BREAK SHARP EDGES
PBY-5B 28T1043 1
PBY5A 28T1043 1
PBY-4 28T1043 1
PBY-3 28T1043 1
PBY-2 28T1043 1
PBY-1 28T1043 1
REPLACES 28T035 on 4-15-34
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010 ± 1/2°
APPROVED 11-28-36 DATE
.19 CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 1" = 1"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY AL. ALLOY BAR 24T
M-208-COND.T
62,000% AS REC'D
Z-P
8-8-35
12-4-36
9-4-36
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
NAME BEARING HOUSING - HINGE BRACKET - CENTER
OPP. HAND
DWG. A 28T1042
STAMP PT. No. WHERE SHOWN

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	ADDED PITCH DIA & NOTE	6-27-40	M.E.



FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

NOTE
MAKE THREADS TO MATCH 28T5081

O.H.	MODEL	NEXT ASSY	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28T5087	1						
	PBY-5A	28T5087	1						
	PBY-5	28T5087	1						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

APPROVED: NJ 3 — DATE: 3-13-40

CALC. WT. — ACT. WT

SCALE 12" = 1'-0" — MAT.

AC

[redacted]

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM	ENG.
NAVY C.M. STEEL BAR	46S23	SH-27-1 125000 +/-	C	3-13-40			

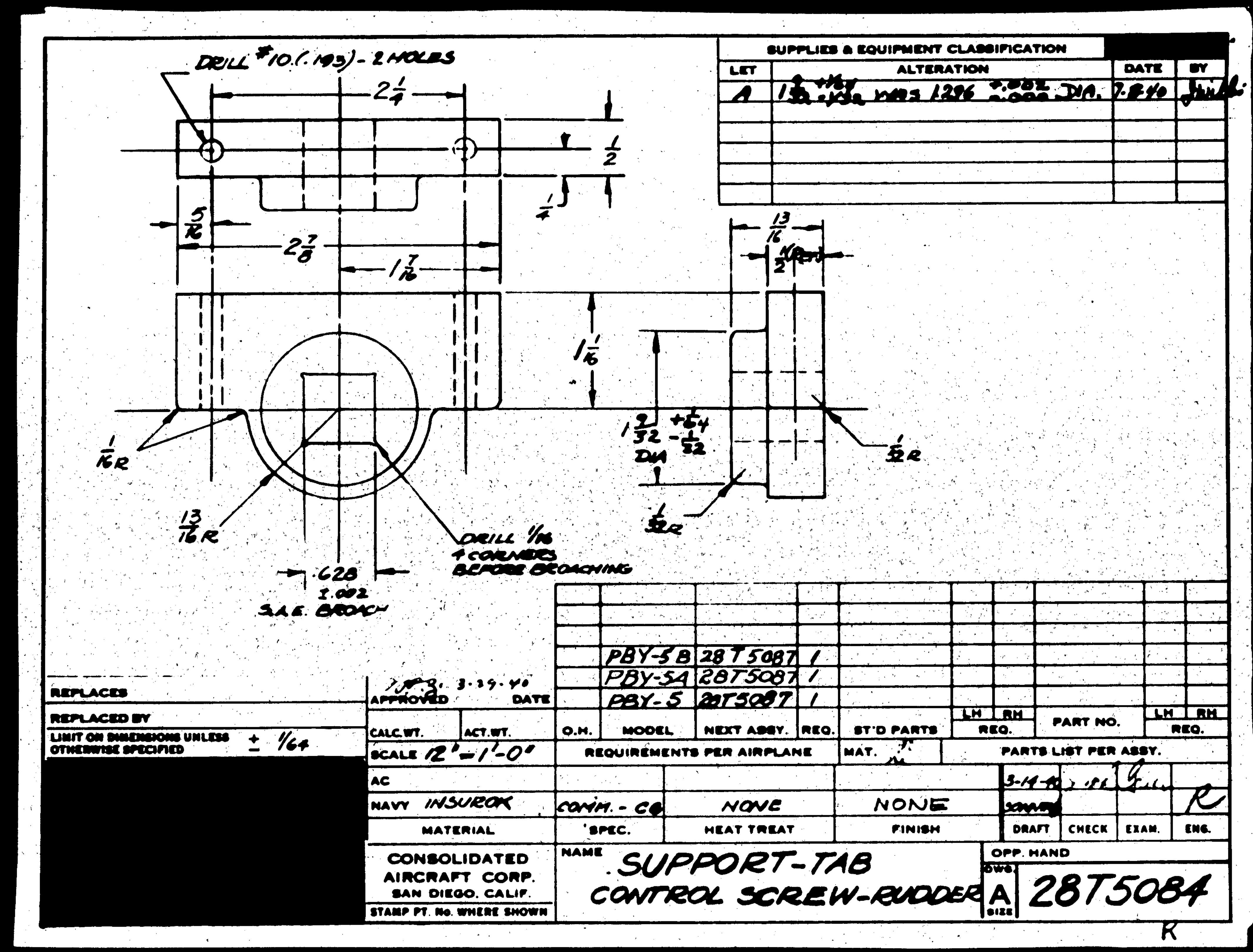
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO CALIF

STAMP PT No WHERE SHOWN

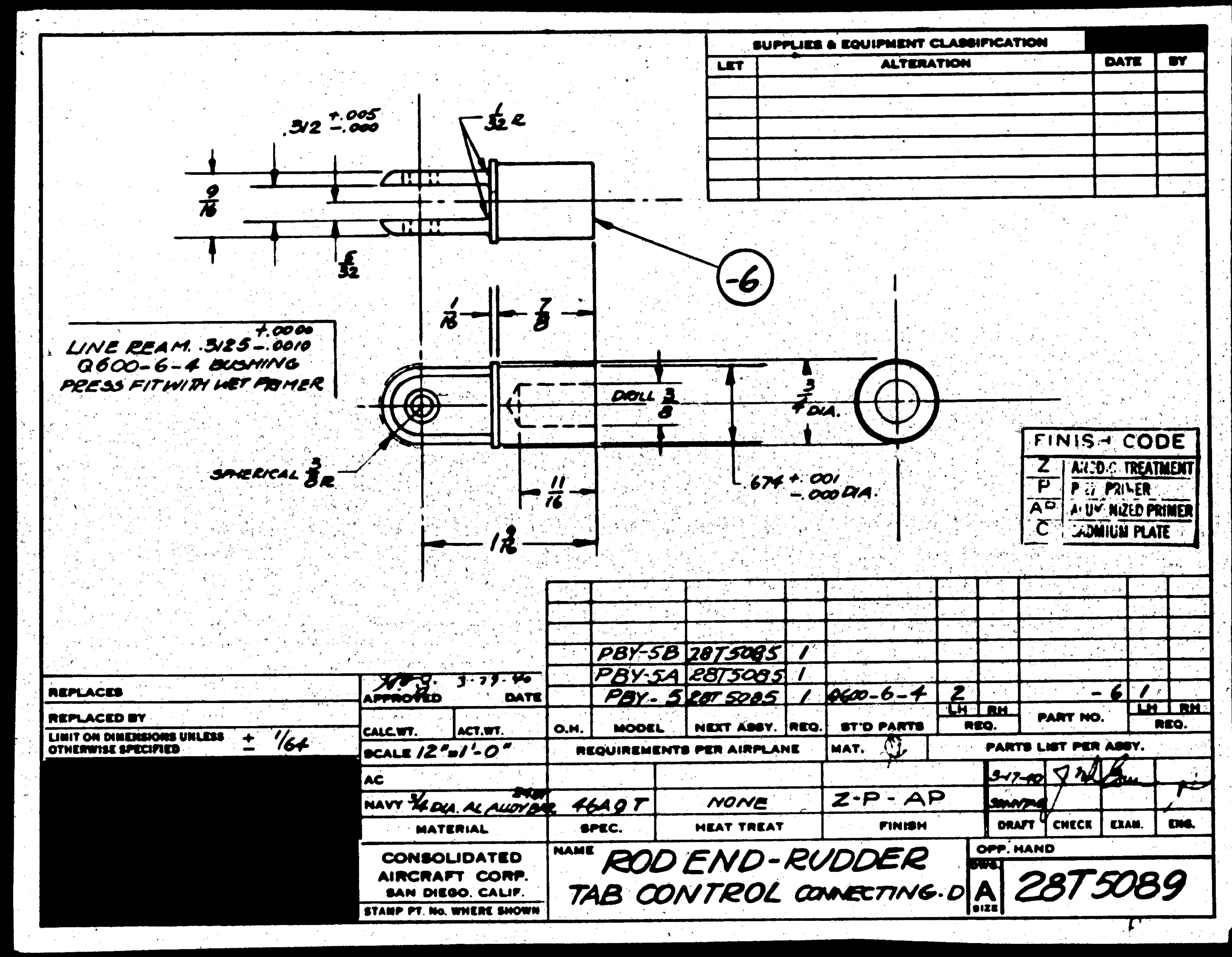
NAME: NUT-RUDDER TAB CONTROL-THRUST BEAR'G RETAIN'G

OPP HAND

DWG SIZE A — 28T5082



DRILL #10 (.193) - 2 HOLES
2 1/4
1/2
1/4
5/16
2 7/8
1 7/16
13/16
1/2
1 1/16
1/16 R
13/16 R
1 9/32 +1/64 -1/32 DIA
1/32 R
1/32 R
DRILL 1/16
4 CORNERS
BEFORE BROACHING
.628
±.002
S.A.E. BROACH
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
PBY-5B 28T5087 1
PBY-5A 28T5087 1
PBY-5 28T5087 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED
DATE
3-29-40
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY INSUROK
COMM. - C6
NONE
NONE
3-14-40
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
SUPPORT-TAB
CONTROL SCREW-RUDDER
OPP. HAND
DWG.
A
SIZE
28T5084
R



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
.312 +.005 -.000
1/32 R
9/16
5/32
-6
1/16
7/8
LINE REAM .3125 +.0000 -.0010
Q600-6-4 BUSHING
PRESS FIT WITH WET PRIMER
DRILL 3/8
3/4 DIA.
SPHERICAL 3/8 R
.674 +.001 -.000 DIA.
11/16
1 9/16
FINISH CODE
Z
P
AP
C
ANODIC TREATMENT
PRIMER
ALUMINIZED PRIMER
CADMIUM PLATE
PBY-5B
28T5085
1
PBY-5A
28T5085
1
PBY-5
28T5085
1
Q600-6-4
2
-6
1
LH
RH
REQ.
PART NO.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED
DATE
3-19-40
CALC.WT.
ACT.WT.
SCALE 12"=1'-0"
AC
NAVY 3/4 DIA. AL ALLOY BAR
46AQT
NONE
Z-P-AP
MATERIAL
SPEC.
HEAT TREAT
FINISH
3-17-40
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
ROD END-RUDDER
TAB CONTROL CONNECTING.
OPP. HAND
DWG.
A
SIZE
28T5089

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	.3130/.3115 WAS .3125/.3115	4/3/40	Beuge

.3130 / .3115 STANDARD S.A.E. BROACH

H966 SPROCKET 1.6 P.D.
BOSTON GEAR CATALOG #52 PAGE 145
WITH SQUARE HOLE AS SHOWN

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28T5087	1						
	PBY-5A	28T5087	1						
	PBY-5	28T5087	1						

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

APPROVED: [signature] DATE: 3/29/40

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± NOTED

CALC. WT. — ACT. WT.

SCALE

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY BRASS	NONE	NONE	C

DRAFT	CHECK	EXAM.	ENG.
3-18-40 SCHWEN	[signature]		[signature]

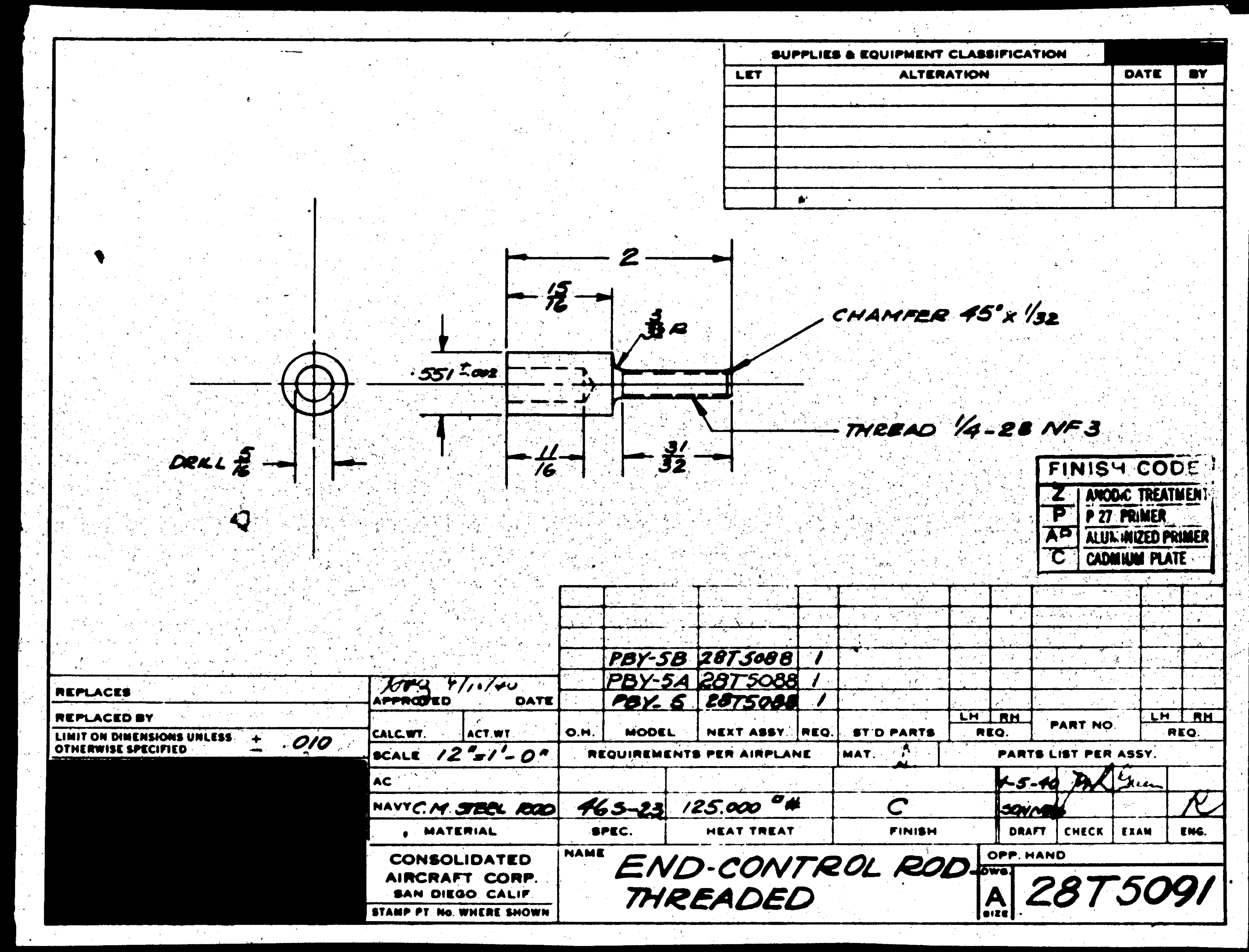
[redacted]

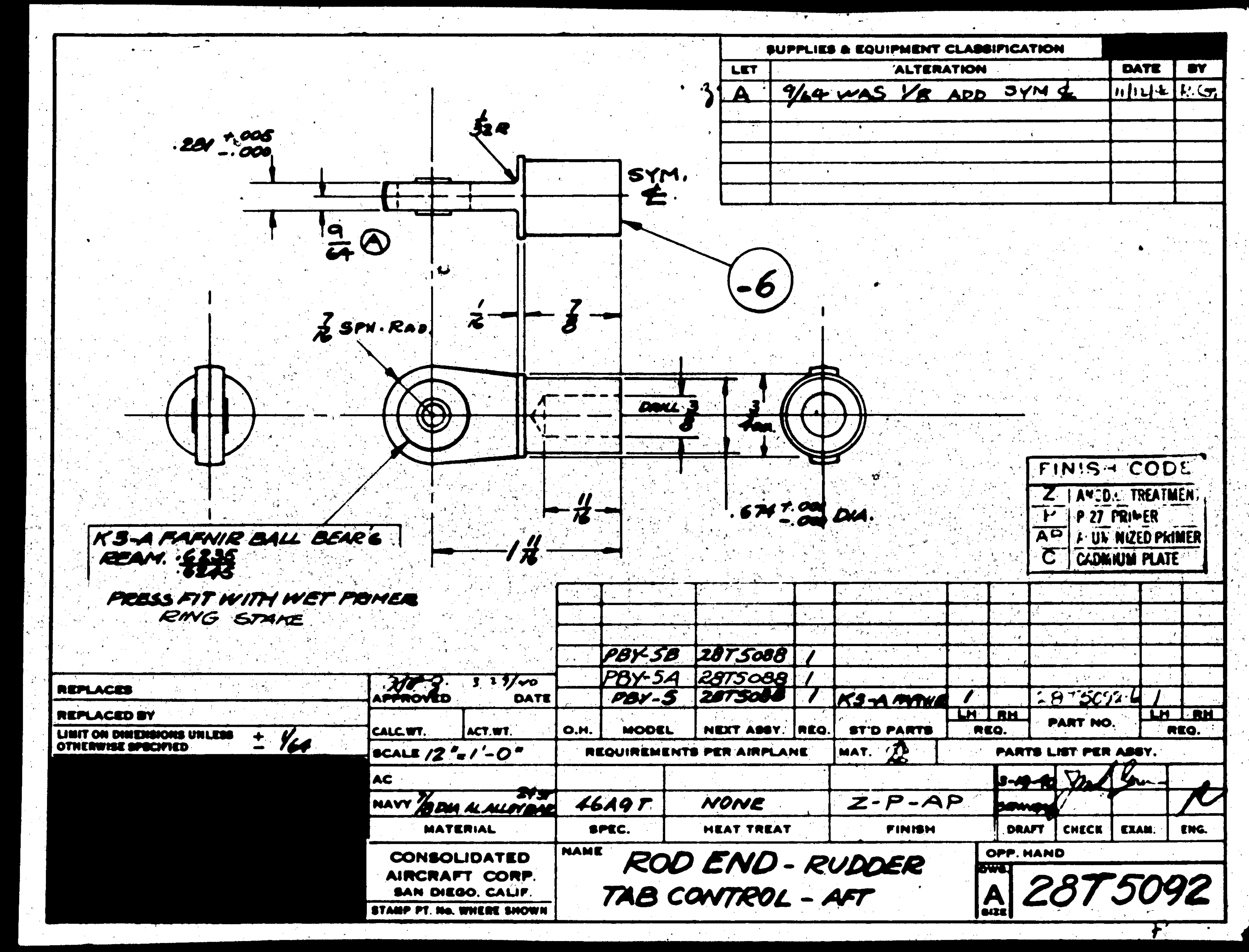
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

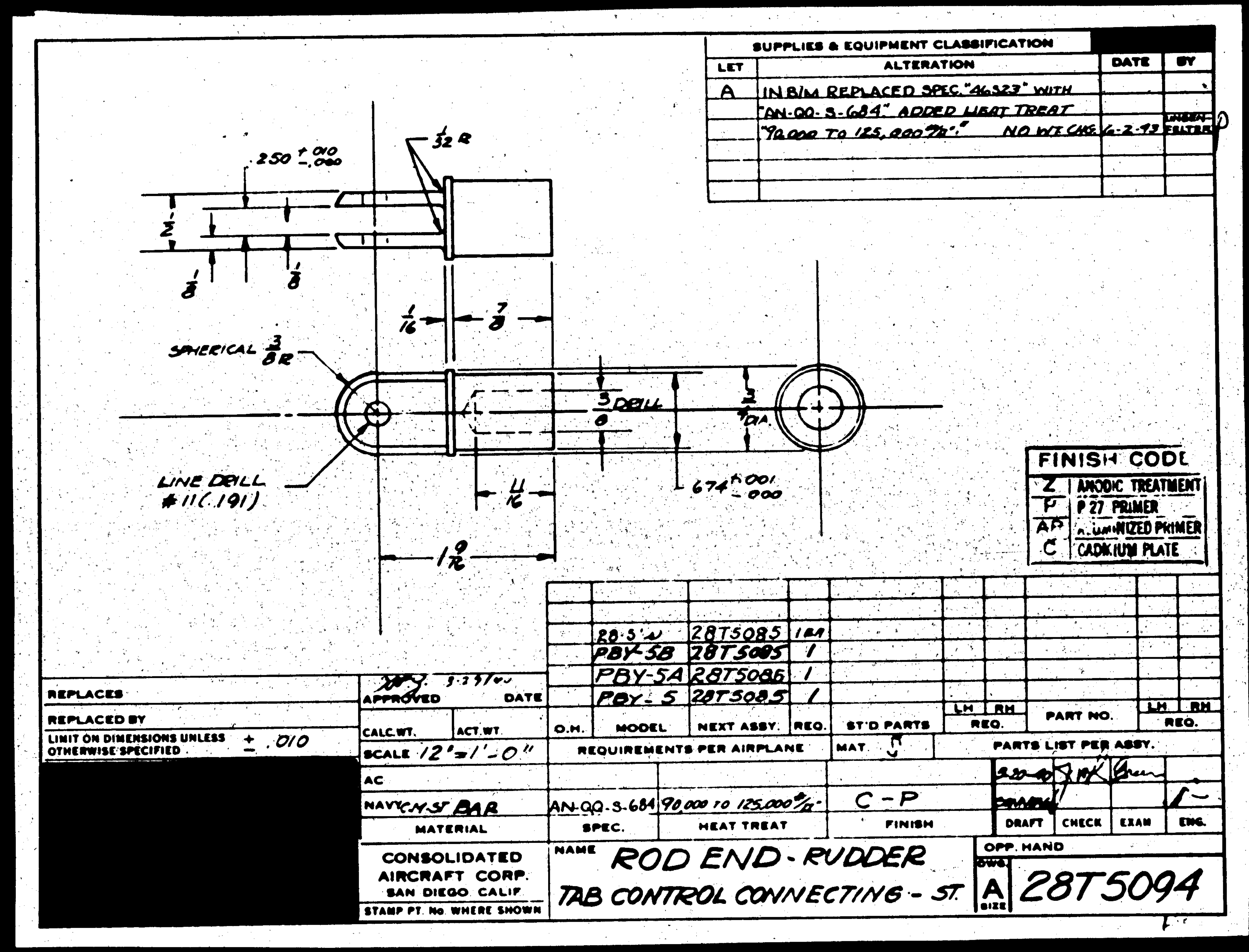
NAME: SPROCKET - RUDDER TAB CONTROL

OPP. HAND

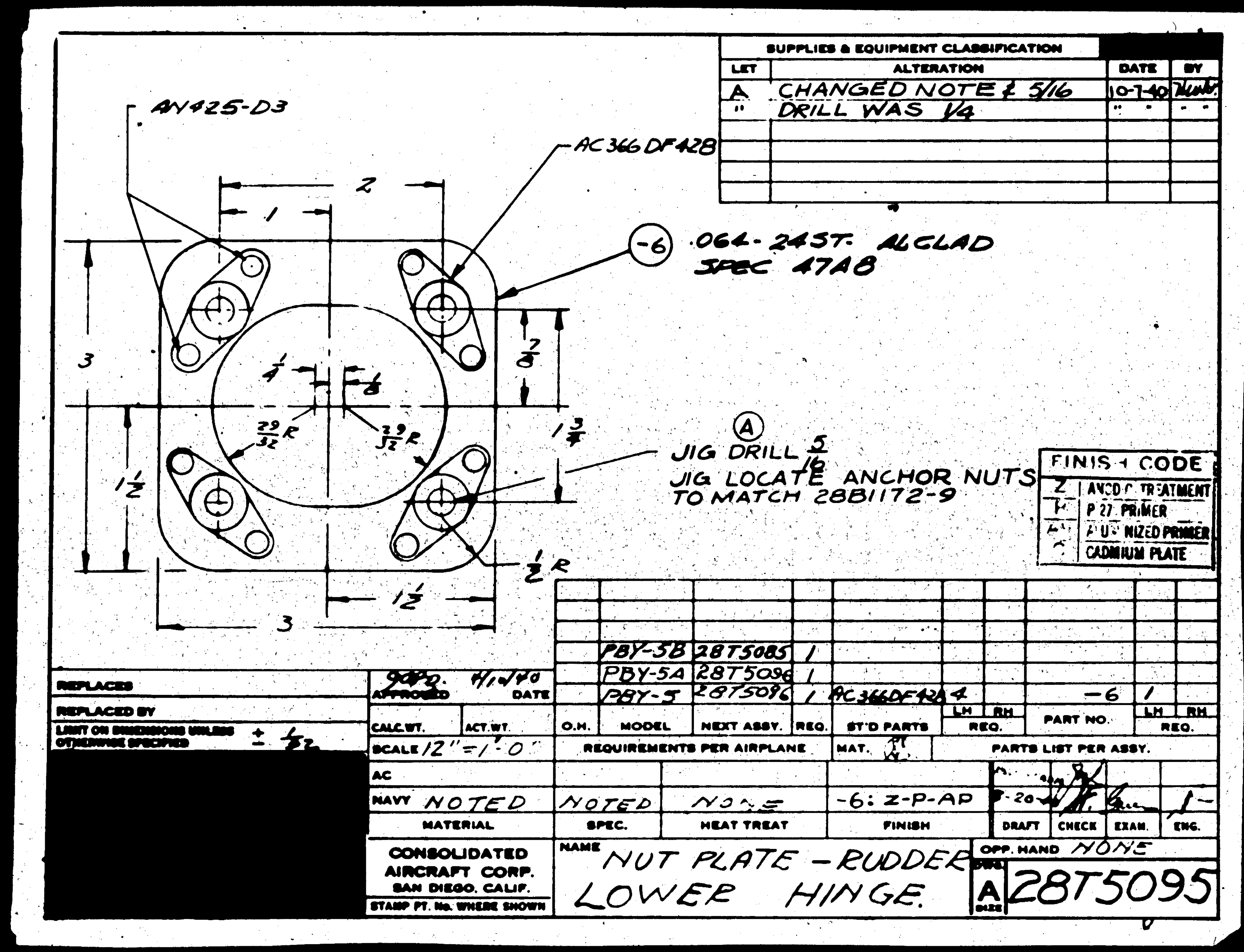
DWG SIZE: A — 28T5090


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
2
15/16
3/32 R
CHAMFER 45° x 1/32
.551 ± .002
THREAD 1/4-28 NF3
DRILL 5/16
11/16
31/32
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5B 28T5088 1
PBY-5A 28T5088 1
PBY-6 28T5088 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
[redacted]
APPROVED DATE 4/10/40
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY C.M. STEEL ROD
46S-23
125,000 #
C
4-5-40
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO CALIF.
STAMP PT. No. WHERE SHOWN
NAME
END-CONTROL ROD-THREADED
OPP. HAND
DWG. A SIZE
28T5091

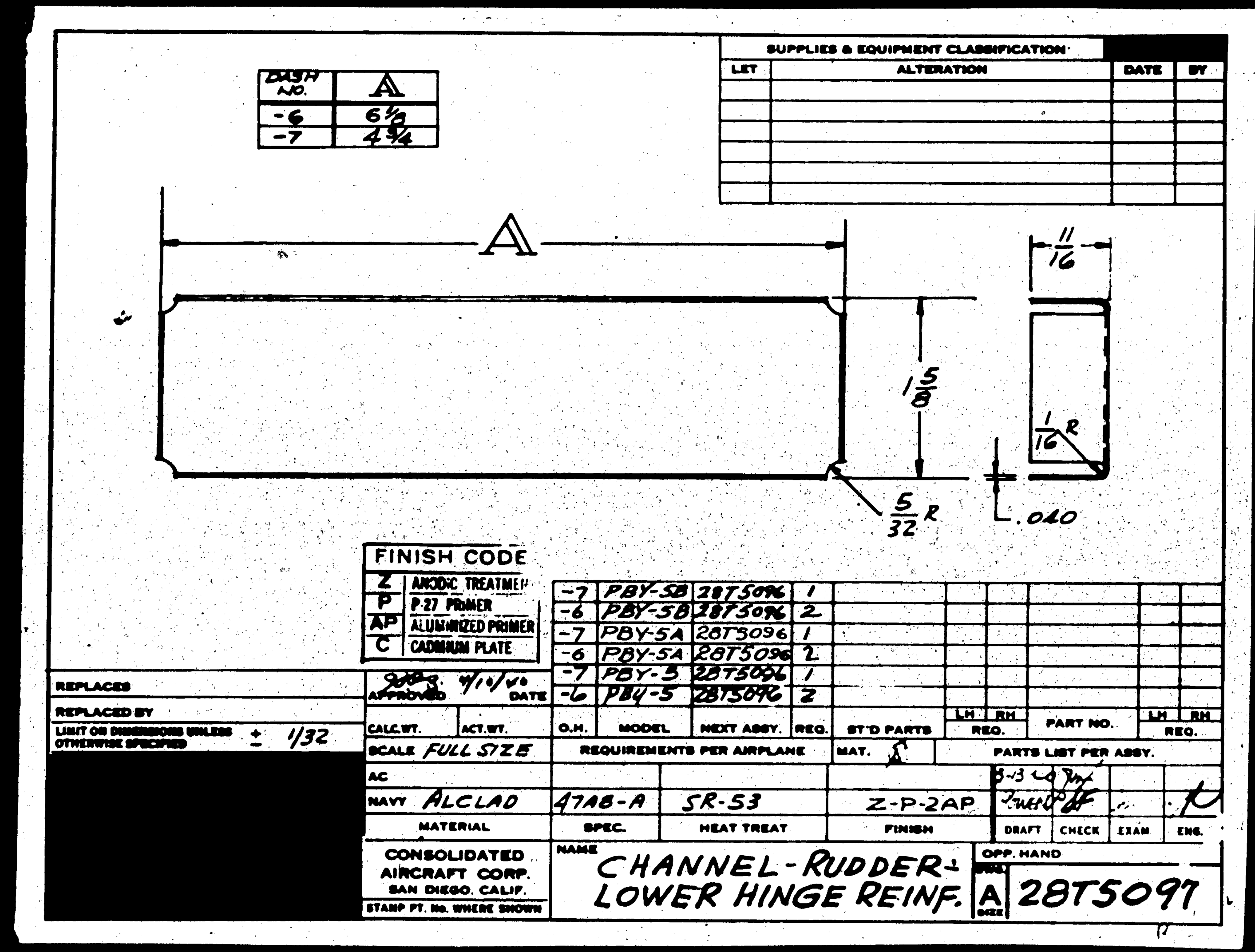

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
9/64 WAS 1/8 ADD SYM ℄
.281 +.005 −.000
1/32 R
SYM. ℄
9/64 Ⓐ
-6
1/16
7/8
7/16 SPH. RAD.
DRILL 3/8
3/4 MIN.
11/16
1 11/16
.674 DIA.
K3-A FAFNIR BALL BEAR'G
REAM. .6235 .6243
PRESS FIT WITH WET PRIMER
RING STAKE
FINISH CODE
Z
ANODIC TREATMENT
P
P 27 PRIMER
AP
ALUMINIZED PRIMER
C
CADMIUM PLATE
PBY-5B
28T5088
1
PBY-5A
28T5088
1
PBY-5
28T5088
1
K3-A FAFNIR
1
28T5092-4
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
AL ALLOY BAR
46A9T
NONE
Z-P-AP
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
ROD END - RUDDER
TAB CONTROL - AFT
OPP. HAND
DWG. SIZE
A
28T5092



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
IN B/M REPLACED SPEC. "46S23" WITH
"AN-QQ-S-684" ADDED HEAT TREAT
"90,000 TO 125,000 #/□"." NO WT CHG. 6-2-43
1/32 R
.250 +.010 -.000
1/2
1/8
1/8
1/16
7/8
SPHERICAL 3/8 R
3/8 DRILL
3/4 DIA.
LINE DRILL #11 (.191)
11/16
.674 +.001 -.000
1 9/32
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
28-5'N 28T5085 1&1
PBY-5B 28T5085 1
PBY-5A 28T5086 1
PBY-5 28T5085 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY C.R.S. BAR
AN-QQ-S-684
90,000 TO 125,000 #/□"
C - P
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
[redacted]
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.
STAMP PT. No. WHERE SHOWN
NAME
ROD END - RUDDER
TAB CONTROL CONNECTING - ST.
OPP. HAND
DWG.
A
SIZE
28T5094



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | CHANGED NOTE & 5/16 | 10-7-40
" | DRILL WAS 1/4 | " "
AN425-D3
AC366DF428
-6 .064-24ST- ALCLAD SPEC 47A8
2
1
3
7/8
1/4
1/8
29/32 R
29/32 R
1 3/4
1 1/2
1/2 R
1 1/2
3
A
JIG DRILL 5/16
JIG LOCATE ANCHOR NUTS TO MATCH 28B1172-9
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5B 28T5085 1
PBY-5A 28T5096 1
PBY-5 28T5096 1 AC366DF428 4 -6 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
APPROVED DATE 11-1-40
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NONE
-6: Z-P-AP
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME NUT PLATE - RUDDER LOWER HINGE.
OPP. HAND NONE
DWG. A SIZE
28T5095



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
DASH NO.
A
-6
6 1/8
-7
4 3/4
A
11/16
1 5/8
1/16 R
5/32 R
.040
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
-7 PBY-5B 28T5096 1
-6 PBY-5B 28T5096 2
-7 PBY-5A 28T5096 1
-6 PBY-5A 28T5096 2
-7 PBY-5 28T5096 1
-6 PBY-5 28T5096 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED DATE
CALC.WT.
ACT.WT.
D.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE FULL SIZE
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY ALCLAD
47AB-A
SR-53
Z-P-2AP
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
CHANNEL-RUDDER-LOWER HINGE REINF.
OPP. HAND
A
28T5097

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	REMOVED MAT'L SIZE	3/4/46	[illegible]

SOLID LENGTH = 1½ IN.
LOAD WHEN DEFLECTED TO SOLID LENGTH TO EQUAL 25 ± 3 #.

9/16 ± 1/64 O.D.

3½ ± 1/8 FREE LENGTH

FINISH CODE

Z	ANOD C TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28T5101	1						
	PBY-5A	28T5101	1						
	PBY-5	28T5101	1						

REQUIREMENTS PER AIRPLANE — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED 9/10/40 DATE

CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

MAT. [illegible]

	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC					[illegible] 9-10-40	[illegible]	[illegible]	[illegible]
NAVY	STEEL MUSIC WIRE	22W11	NONE	C-BAKE-2P				

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

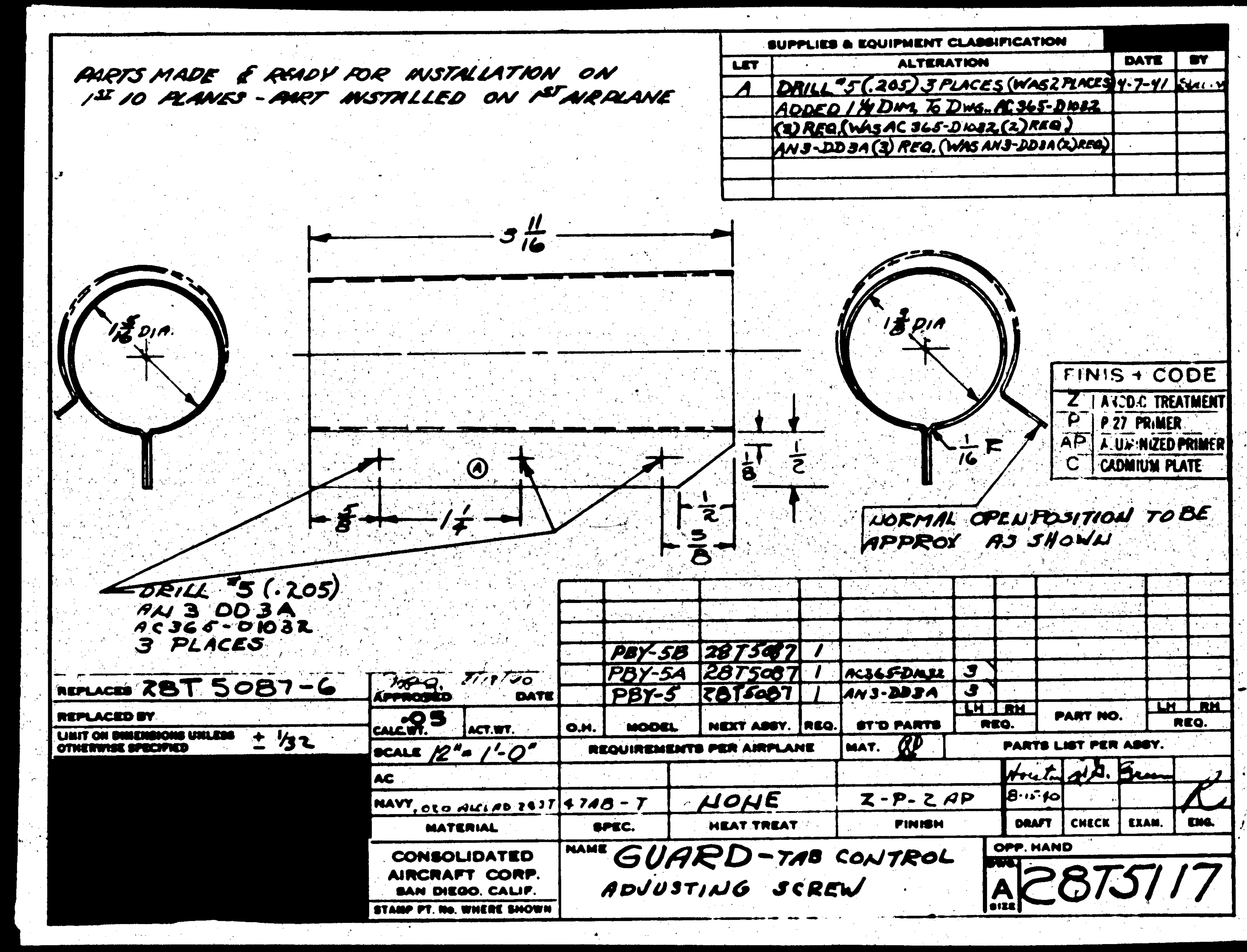
STAMP PT. No. WHERE SHOWN

NAME SPRING - RUDDER LOCK CONTROL - LOCK PIN

OPP. HAND NONE

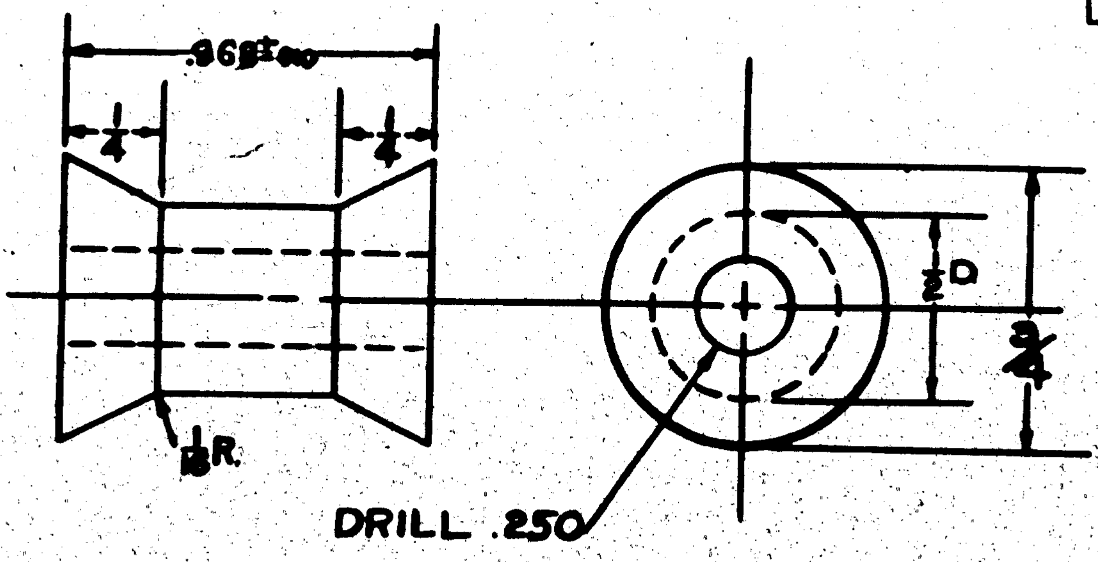
A SIZE — 28T5105 ✓

R.



PARTS MADE & READY FOR INSTALLATION ON 1ST 10 PLANES - PART INSTALLED ON 1ST AIRPLANE
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
DRILL #5 (.205) 3 PLACES (WAS 2 PLACES)
ADDED 1 1/4 DIM. TO DWG. AC365-D1032
(3) REQ. (WAS AC 365-D1032 (2) REQ.)
AN3-DD3A (3) REQ. (WAS AN3-DD3A (2) REQ.)
4-7-41
3 11/16
1 5/16 DIA.
1 3/8 DIA
(A)
5/8
1 1/4
1/8
1/2
1/2
5/8
1/16 F
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
NORMAL OPEN POSITION TO BE APPROX AS SHOWN
DRILL #5 (.205)
AN 3 DD3A
AC365-D1032
3 PLACES
PBY-5B 28T5087 1
PBY-5A 28T5087 1 AC365-D1032 3
PBY-5 28T5087 1 AN3-DD3A 3
REPLACES 28T 5087-6
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT. .05
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
4748-T
NONE
Z-P-Z AP
8-15-40
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME GUARD - TAB CONTROL ADJUSTING SCREW
OPP. HAND
DWG.
A
SIZE
28T5117

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]			
LET	ALTERATION	DATE	BY
A	ADDED NOTE "28T5123 ... 28C5135"	5-18-43	[illegible]



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

28T5123 IS AN INTERCH. ALT. FOR 28C5135.

STOCK: 7/8 DIA. X 1 1/8 AL. ALLOY ROD 24ST

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5AMN	28T5001	1
	PBY-5B	28T5001	1
	PBY-5A	28T5001	1
	PBY-5	28T5001	1

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

PARTS LIST PER ASSY.

REPLACES Q814 D8-31 ON NO. A180898 28T5001 — APPROVED PACHL — DATE 3-23-42

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

.008 CALC. WT. — ACT. WT.

SCALE 24" = 1'0"

MAT. TATE

AC —

NAVY NOTED	46A9 (T)	NONE	Z-P
MATERIAL	SPEC.	HEAT TREAT	FINISH

3-20-42	[illegible]	[illegible]	M'VICKER
LATIMER	[illegible]	[illegible]	[illegible]
DRAFT	CHECK	EXAM	ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

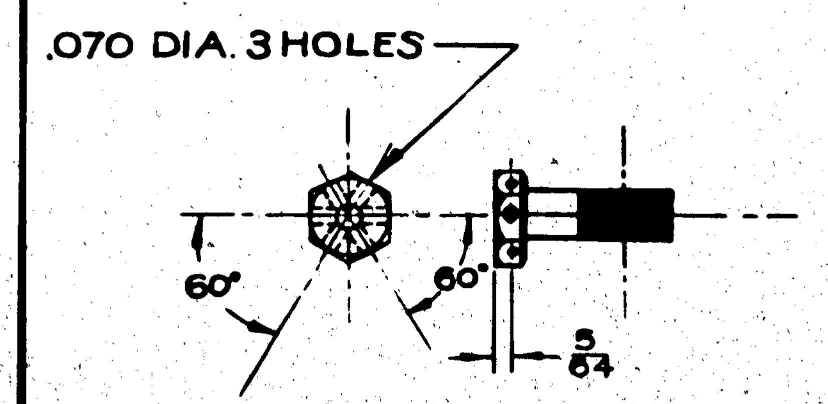
NAME: SPACER ELEVATOR HORN

OPP. HAND NONE

DWG. SIZE A — 28T5123

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



NOTE:
THIS PART MAY BE MADE FROM AN4DD6A
THIS PART IS IDENTICAL TO AN4DD6A EXCEPT AS SHOWN

APPROVED FOR TOOLING BY FRUE 6/29/43

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28T5001	4						
	PBY-5	28T5001	4						
REQUIREMENTS PER AIRPLANE							PARTS LIST PER ASSY.		

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

M. PELLIGUNO
APPROVED DATE
.005 CALC. WT. ACT. WT.
SCALE 12" = 1'0"
MAT. BAIRD BOYD

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC				
NAVY	NOTED	NOTED		

DRAFT	CHECK	EXAM.	ENG.
CHAMBERS 6-14-43	SCHWARTZ	GERBER	BRANDY

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME: BOLT-AIRCRAFT DRILLED HEAD

OPP. HAND NONE
DWG. SIZE A 28T5133

R 28T5133

SUPPLIES & EQUIPMENT CLASSIFICATION		[redacted]	
LET	ALTERATION	DATE	BY
A	1/4"×.022 25½H TUBE WAS 3/8"×.022 25½H TUBE. NO WT. CNG	7-30-40	[illegible]
B.	ADDED PB2Y-3-29T5001-2 TO REQ. PER AIRPLANE BLOCK, NO WT. CNG.	3-12-43	BURKE
C	TO REQMTS. PER AIRPLANE ADDED PB2Y-3 & PB2Y-3R 1 REQ'D EACH MODEL, NEXT ASSEM. 29W3210.	4-5-43	HAUK

ACA 380

ACA 390 & R191

APPROVED FOR TOOLING BY

4-27-43

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

3/8

ACA R191 →
ACA 39A →
ACA 38C →

O.H.	MODEL	NEXT ASSY.	REQ.
	PB2Y-3R	29W3210	1
	PB2Y-3	29W3210	1
	PB2Y-3	29T5001	2
	PBY-5A	29T1192	7
	PBY-5A	28T5115	2
	PBY-5	28T5115	2
	PBY-5	29T1192	7
	PB2Y-2	29T1192	19
	PB2Y-2	29T1192	19

(PBY-5A: PLACE SAME)

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. 6F — PARTS LIST PER ASSY.

MAKE FROM
1/4 × .022 25-½H TUBE

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

[redacted]

APPROVED 5/7/40 DATE

CALC. WT. | ACT. WT.

SCALE 24" = 1'-0"

	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC								
NAVY	NOTED	44T19-½H	NONE	Z-P	5/3/40			

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

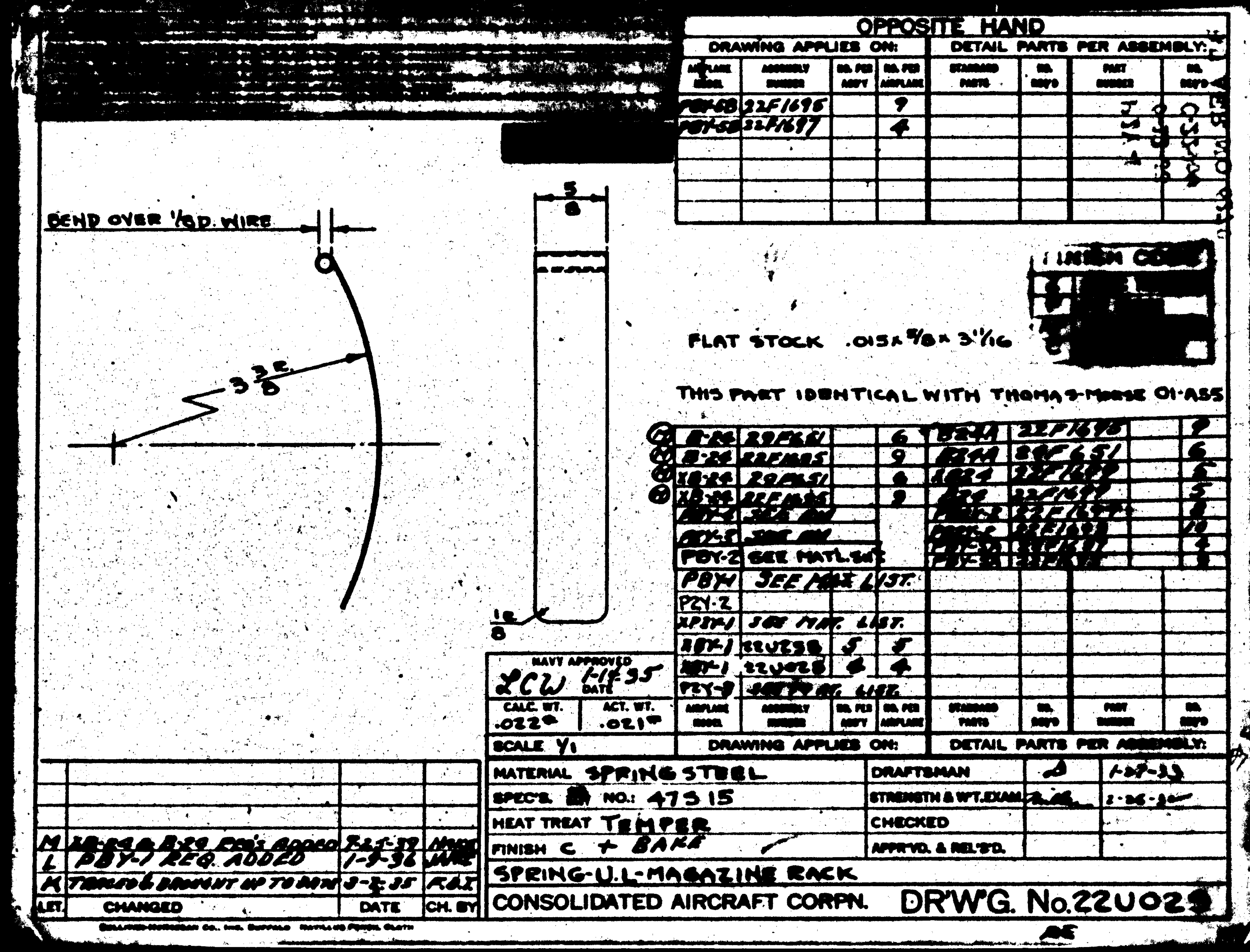
STAMP PT. No. WHERE SHOWN

NAME: SPACER - INSPECTION DOOR

OPP. HAND —

SIZE A — DWG. 29T1196

29T1196



OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
22F1695 9
22F1697 4
BEND OVER 1/8 D. WIRE
5/8
FLAT STOCK .015 x 5/8 x 3 11/16
THIS PART IDENTICAL WITH THOMAS-MORSE 01-A55
PBY-2 SEE MATL. LIST
PBY-1 SEE MAT. LIST.
XPBY-1 SEE MAT. LIST.
PBY-1 22U258 5 5
PBY-1 22U028 4 4
NAVY APPROVED
LCW 1-15-35
DATE
CALC. WT. .022
ACT. WT. .021
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
SCALE 1/1
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
MATERIAL SPRING STEEL
SPEC'S. NO.: 47515
HEAT TREAT TEMPER
FINISH C + BAKE
DRAFTSMAN
STRENGTH & WT. EXAM.
CHECKED
APPR'VD. & REL'S'D.
SPRING-U.L.-MAGAZINE RACK
CONSOLIDATED AIRCRAFT CORPN.
DR'WG. No. 22U029
L PBY-1 REQ. ADDED 1-9-36
LET.
CHANGED
DATE
CH. BY

[redacted]

[redacted]

OPPOSITE HAND

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
PBY-5B	28F4006		1				
PBY-5B	283176		1				

SOLID LENGTH

.0625 MUSIC WIRE

15/16

9/64

C-70496-187
C-70496-184
C-70496-181

21/32

FREE LENGTH 2 1/4

15 COILS
13 EFFECTIVE COILS

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

*1-20 — B-24A
*1-6 — B-24

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D
PBY-5A	28F4006		1				
PBY-5A	28F4006		1				
PBY-5A	28F4006		1				
PBY-5A	28F3176		1				
B-24D	32F3523	1	.				
B-24A	SEE B/M						
B-24	SEE B/M						
XB-24	SEE B/M						
PBY-4	SEE B/M						
PBY-3	SEE B/M						
PBY-2	SEE B/M SHEET						
(K) PBY-1	28F1505 28F1506-1 28F1500						
(J) PBY-1	28F1199	1	1				
(H)(F) XPBY-1	28F1199	1	1				
(E) PBY-1	[illegible]	1	1				
(I) PBY-1	28F1306						
P2Y-2	22U367	1	1				
P2Y-2	22U310	1	1				
P2Y-2	22U306	1	1				
XBY-1	18U020	1	1				
P2Y-3	22U367						
DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			

NAVY APPROVED LCW 3-16-36 DATE

CALC. WT. .025# | ACT. WT. .025#

SCALE 1/1

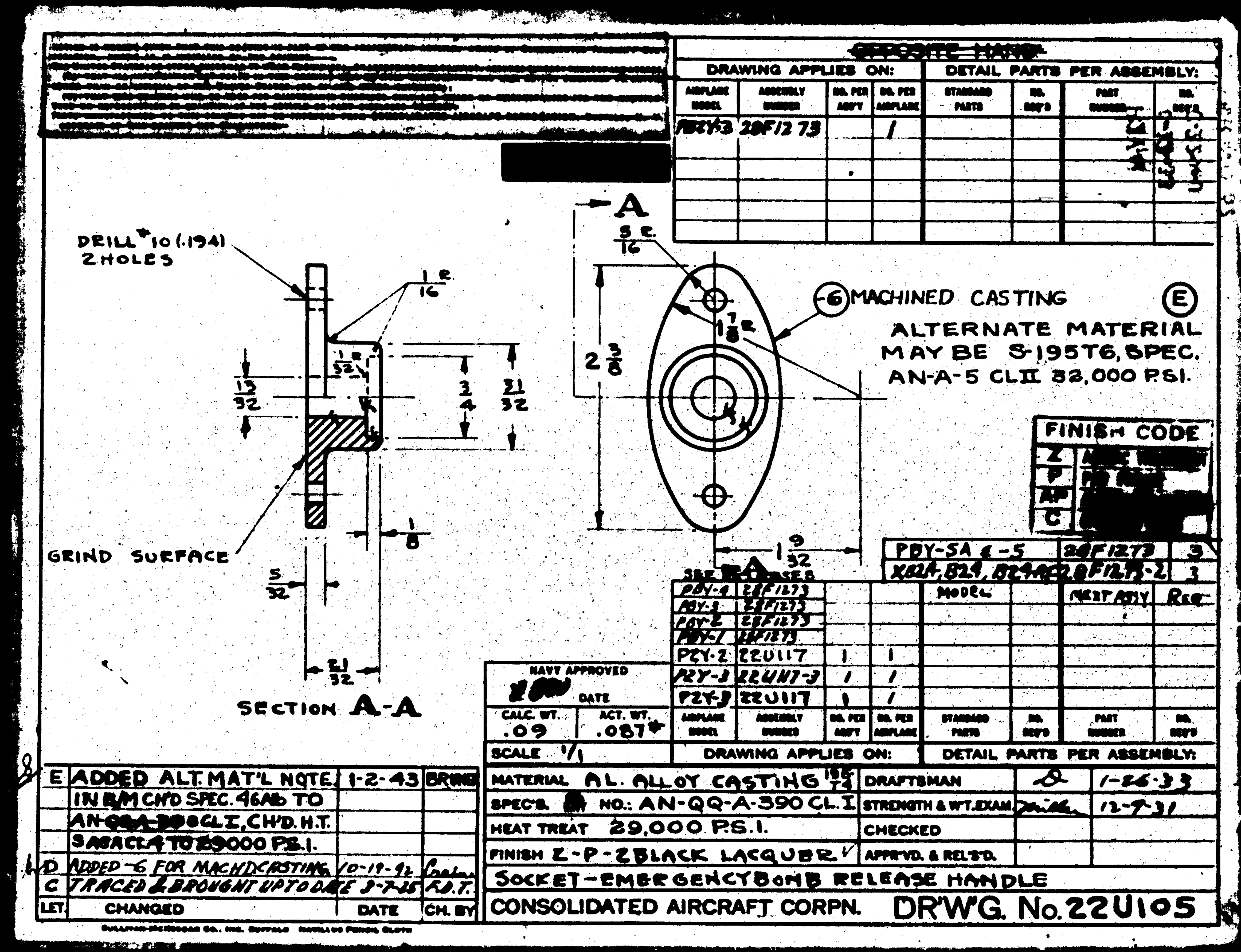
LET.	CHANGED	DATE	CH. BY
K	ADDED NEXT ASSY 28F1506-1	7-15-36	[illegible]
J	ADDED 28F1199 ASSEM. NO. FOR PBY-1	5-7-36	[illegible]
I	28F1306 ASSEM. NO. WAS 28F245-1 FOR PBY-1		
H	28F1199 ASSEM. NO. WAS 28A1064 FOR XPBY-1		
F	ADDED XPBY-1 REQUIREMENT	3-10-36	[illegible]
E	ADDED MODEL PBY-1 &		
[illegible]	'C' & BAKE WAS PARKERIZED	3/10/36	[illegible]
D	TRACED & BROUGHT UP TO DATE	3-7-35	F.D.T.

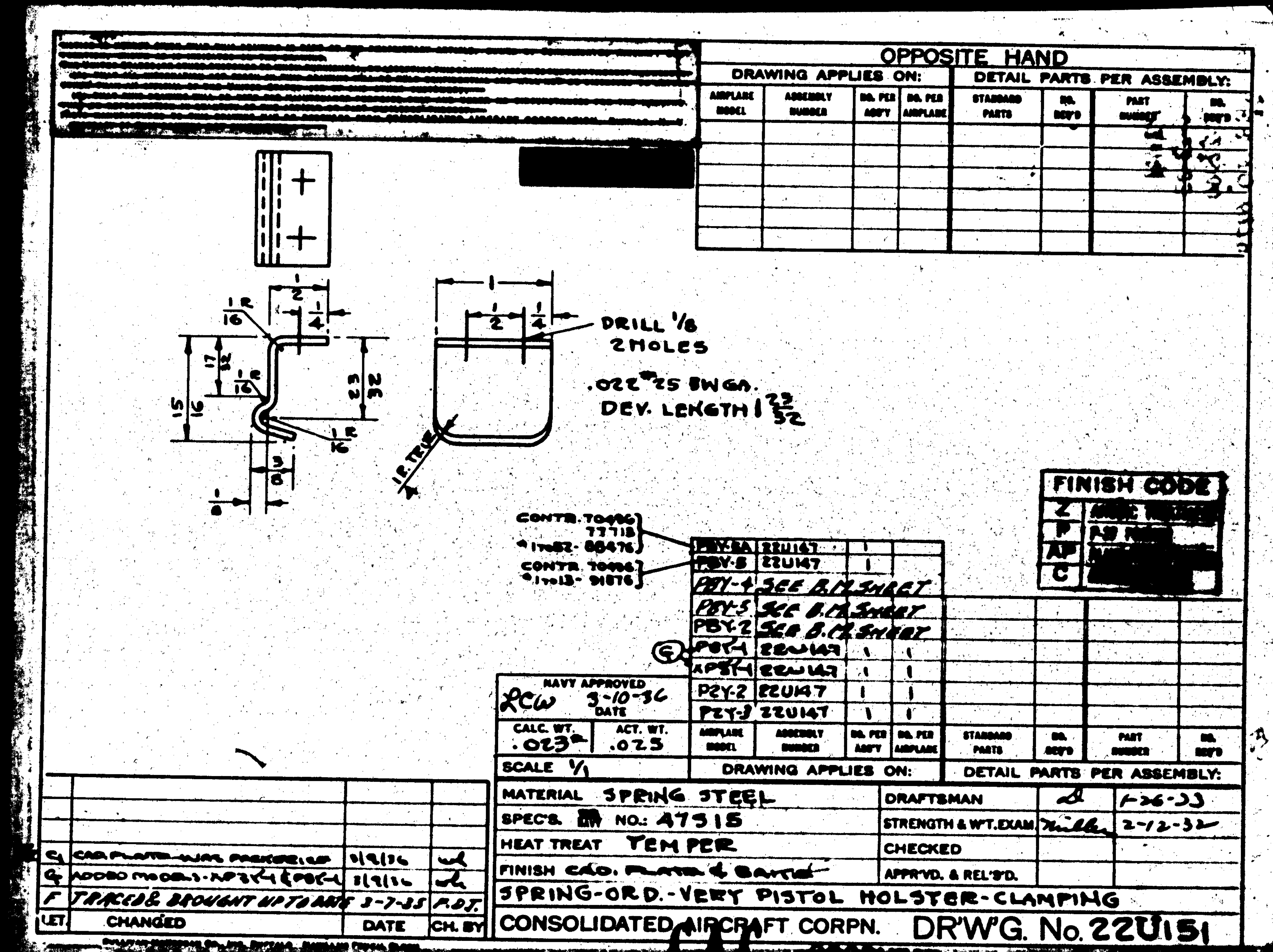
MATERIAL MUSIC WIRE STEEL	DRAFTSMAN	[illegible]	1-27-33
SPEC'S. NO.: COMM	STRENGTH & WT. EXAM.	MILLER	
HEAT TREAT NONE	CHECKED		
FINISH 'C' & BAKE	APPR'VD. & REL'S'D.		

SPRING - ARMAMENT - REAR GUN STOWAGE LATCH

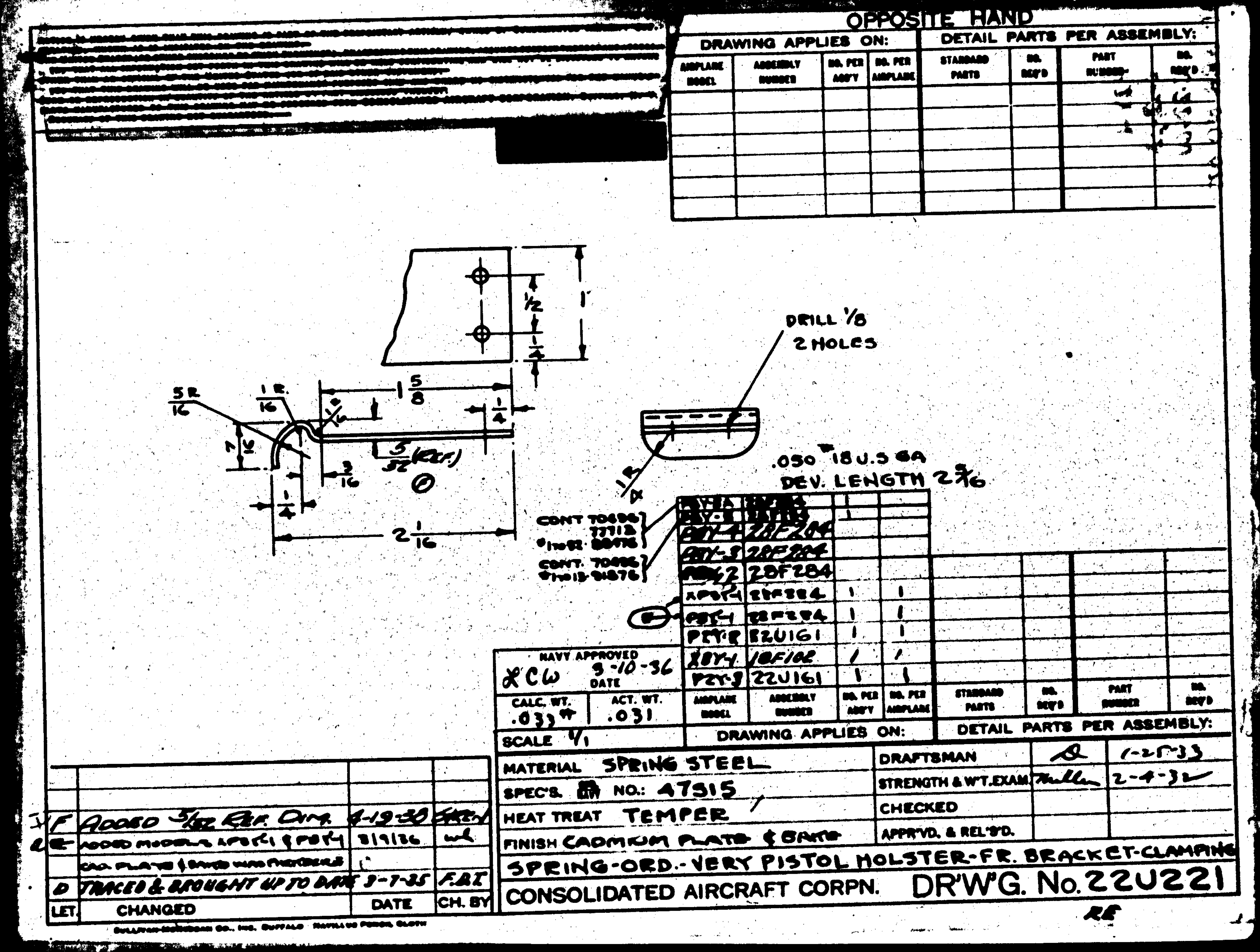
CONSOLIDATED AIRCRAFT CORPN. DR'W'G. No. 22U057

CHECKED BY [illegible] DATE [illegible]


[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
PBY-3 28F1273 1
A
DRILL #10 (.194) 2 HOLES
1/16 R.
1/32 R.
13/32
3/4
31/32
5/16 R.
2 3/8
1 7/8 R.
-6 MACHINED CASTING
E
ALTERNATE MATERIAL MAY BE S-195T6, SPEC. AN-A-5 CL II 32,000 P.S.I.
FINISH CODE
Z
P
AP
C
[redacted]
1/8
1 9/32
GRIND SURFACE
5/32
21/32
SECTION A-A
PBY-5A & -5 28F1273 3
XB2A, B24, B24A 28F1273-2 3
SEE A CLASSES
PBY-4 28F1273
PBY-3 28F1273
PBY-2 28F1273
PBY-1 28F1273
P2Y-2 22U117 1 1
P2Y-3 22U117-3 1 1
P2Y-3 22U117 1 1
MODEL
NEXT ASSY
REQ
NAVY APPROVED
DATE
CALC. WT. .09
ACT. WT. .087#
SCALE 1/1
E ADDED ALT. MAT'L NOTE. IN B/M CH'D SPEC. 46A16 TO AN-QQA-390 CL.I, CH'D. H.T. 32000 TO 29000 P.S.I. 1-2-43
D ADDED -6 FOR MACH'D CASTING 10-19-42
C TRACED & BROUGHT UP TO DATE 3-7-35 F.D.T.
LET. CHANGED DATE CH. BY
MATERIAL AL. ALLOY CASTING 195-T4
SPEC'S. NO.: AN-QQ-A-390 CL. I
HEAT TREAT 29,000 P.S.I.
FINISH Z-P-Z BLACK LACQUER
DRAFTSMAN 1-26-33
STRENGTH & WT. EXAM 12-7-31
CHECKED
APPR'VD. & REL'S'D.
SOCKET-EMERGENCY BOMB RELEASE HANDLE
CONSOLIDATED AIRCRAFT CORPN.
DR'WG. No. 22U105



OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
[redacted]
1/2
1/4
1/16 R
17/32
1/16 R
15/16
23/32
1/16 R
3/8
1/8
1
1/2
1/4
DRILL 1/8
2 HOLES
.022 #25 BWGA.
DEV. LENGTH 1 23/32
1/8 TRUE
FINISH CODE
Z
P
AP
C
[redacted]
CONTR. 70486
77713
1 to 52 - 88476
CONTR. 70486
1 to 13 - 91876
PBY-5A 22U147 1
PBY-5 22U147 1
PBY-4 SEE B.M. SHEET
PBY-3 SEE B.M. SHEET
PBY-2 SEE B.M. SHEET
G PBY-1 22U147 1 1
XP3Y-1 22U147 1 1
P2Y-2 22U147 1 1
P2Y-3 22U147 1 1
NAVY APPROVED
LCW 3-10-36
DATE
CALC. WT. .023#
ACT. WT. .025
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
SCALE 1/1
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
MATERIAL SPRING STEEL
DRAFTSMAN
1-26-33
SPEC'S. NO.: 47515
STRENGTH & WT. EXAM.
2-12-32
HEAT TREAT TEMPER
CHECKED
FINISH CAD. PLATE & BAKE
APPR'VD. & REL'S'D.
SPRING-ORD.-VERY PISTOL HOLSTER-CLAMPING
G CAD PLATE WAS PARKERIZE 3/9/36
G ADDED MODELS XP3Y-1 & PBY-1 3/9/36
F TRACED & BROUGHT UP TO DATE 3-7-35 F.D.T.
LET. CHANGED DATE CH. BY
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22U151



[redacted]
OPPOSITE HAND
DRAWING APPLIES ON:
DETAIL PARTS PER ASSEMBLY:
AIRPLANE MODEL
ASSEMBLY NUMBER
NO. PER ASS'Y
NO. PER AIRPLANE
STANDARD PARTS
NO. REQ'D
PART NUMBER
NO. REQ'D
DRILL 1/8
2 HOLES
.050" 18 U.S GA
DEV. LENGTH 2 3/16
CONT 70696
#11012 89876
CONT. 70696
#11013 91876
PBY-3 28F284
PBY-2 28F284
XPBY-1 28F284 1 1
PBY-1 28F284 1 1
P3Y-1 22U161 1 1
XBY-1 18F102 1 1
P2Y-3 22U161 1 1
NAVY APPROVED
LCW 3-10-36
DATE
CALC. WT. .033#
ACT. WT. .031
SCALE 1/1
MATERIAL SPRING STEEL
SPEC'S. NO.: 47S15
HEAT TREAT TEMPER
FINISH CADMIUM PLATE & BAKE
DRAFTSMAN 1-25-33
STRENGTH & W'T. EXAM. 2-4-32
CHECKED
APPR'VD. & REL'S'D.
SPRING-ORD.-VERY PISTOL HOLSTER-FR. BRACKET-CLAMPING
CONSOLIDATED AIRCRAFT CORPN.
DR'W'G. No. 22U221
F ADDED 5/32 REF. DIM. 4-19-38
E ADDED MODELS XPBY-1 & PBY-1 3/9/36
CAD. PLATE & BAKED WAS PARKERIZE
D TRACED & BROUGHT UP TO DATE 9-7-35 F.B.T.
LET. CHANGED DATE CH. BY

[redacted]

OPPOSITE HAND

DRAWING APPLIES ON:				DETAIL PARTS PER ASSEMBLY:			
AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE	STANDARD PARTS	NO. REQ'D	PART NUMBER	NO. REQ'D

17/64 DIA.

1/2 DIA

5/64

3/64

11/32

AIRPLANE MODEL	ASSEMBLY NUMBER	NO. PER ASS'Y	NO. PER AIRPLANE
[illegible]	[illegible]		[illegible]
PBY-5	28U[illegible]		2
B24D	32B3092		2
B24C	32B3092		2
[illegible]	[illegible]		2
XB24	32K206		2
PBY-4	28U1004		
PBY-3	28U1004		
PBY-2	28U1004		
PBY-1	28U1004		4
P2Y-3	28U1005		4
XP4Y-1	[illegible]		3

DRAWING APPLIES ON:

DETAIL PARTS PER ASSEMBLY

NAVY APPROVED: 2-25-36 DATE

CALC. WT. .008 | ACT. WT.

SCALE 12" = 1'-0"

MATERIAL: [illegible]

SPEC'S: [illegible]

HEAT TREAT: NONE

FINISH: NONE

DRAFTSMAN: [illegible]

STRENGTH & WT. EXAM:

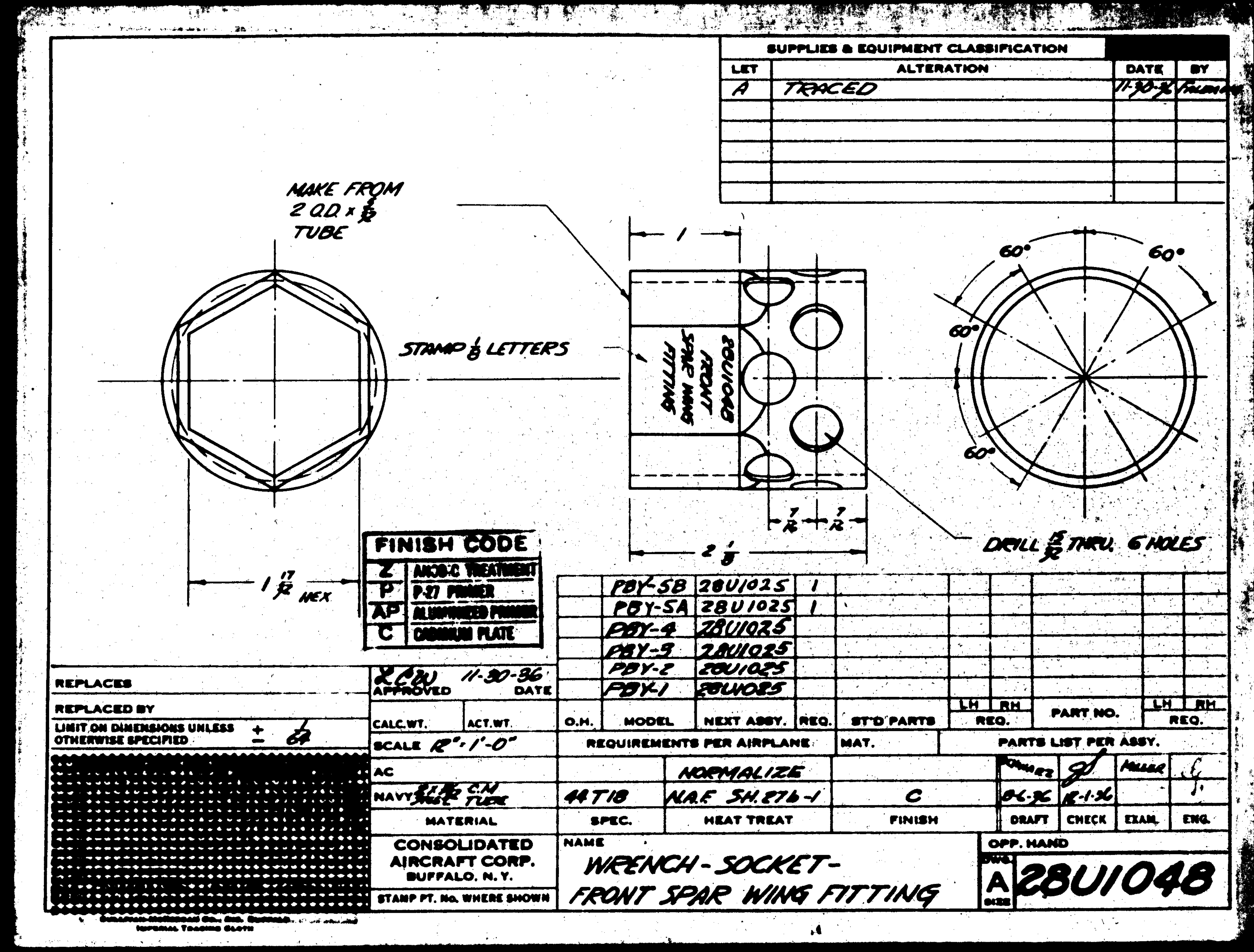
CHECKED: [illegible] 3-18-35

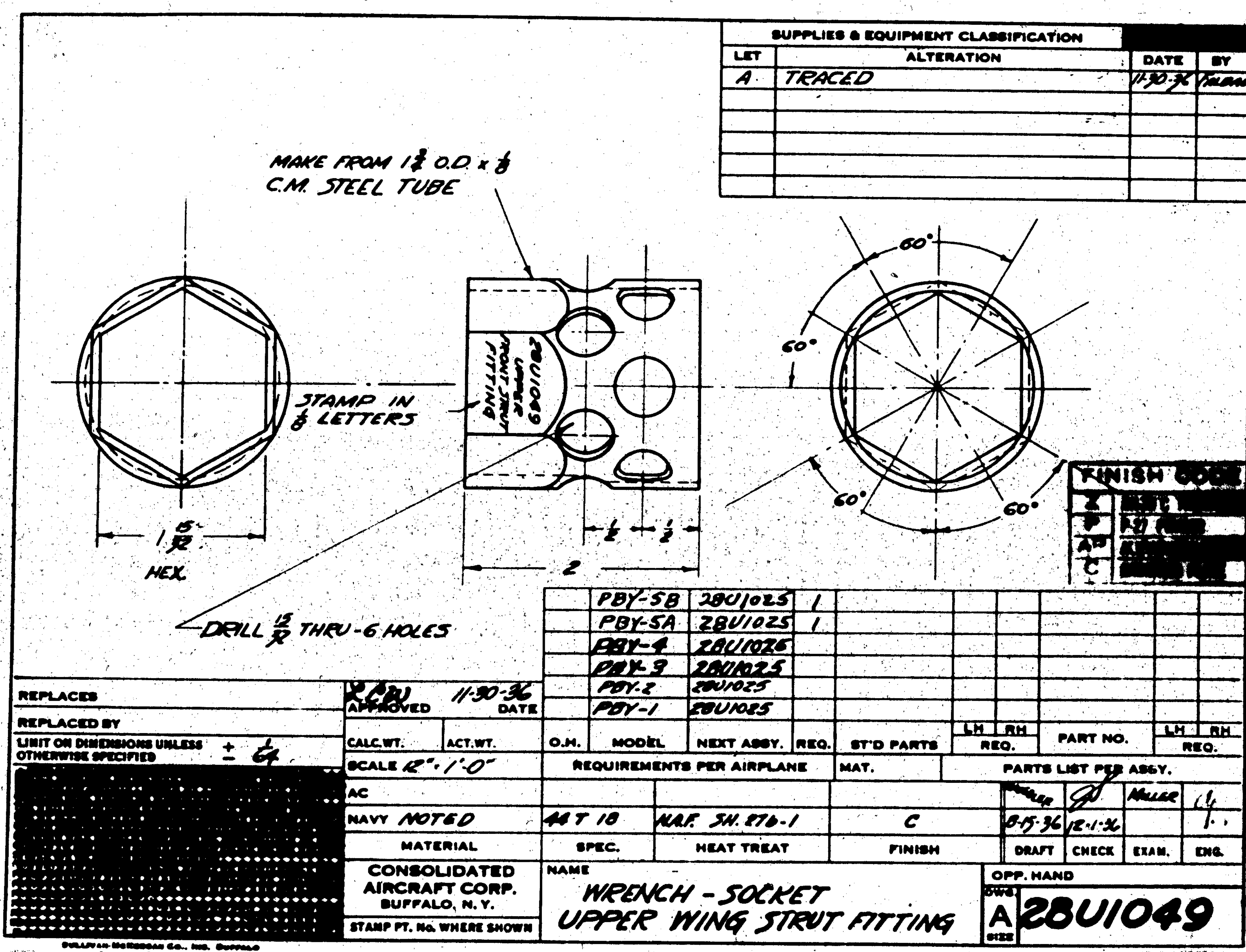
APP'VD. & REL'S'D.:

LET.	CHANGED	DATE	CH. BY
H	[illegible]		
G	[illegible]		
F	[illegible]		
[illegible]	[illegible]	6-10-42	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
F	ADDED [illegible]	7-12-39	[illegible]
E	[illegible] & DWG. NO.	5-19-36	[illegible]
D	AMENDED MATERIAL NOTE	3-10-36	[illegible]
C	ADDED [illegible] C	3-2-36	[illegible]
B	PBY-1 REQ. ADDED	2-13-36	E.A.R.
A	TRACED & BROUGHT UP TO DATE	3-18-35	E.A.R.

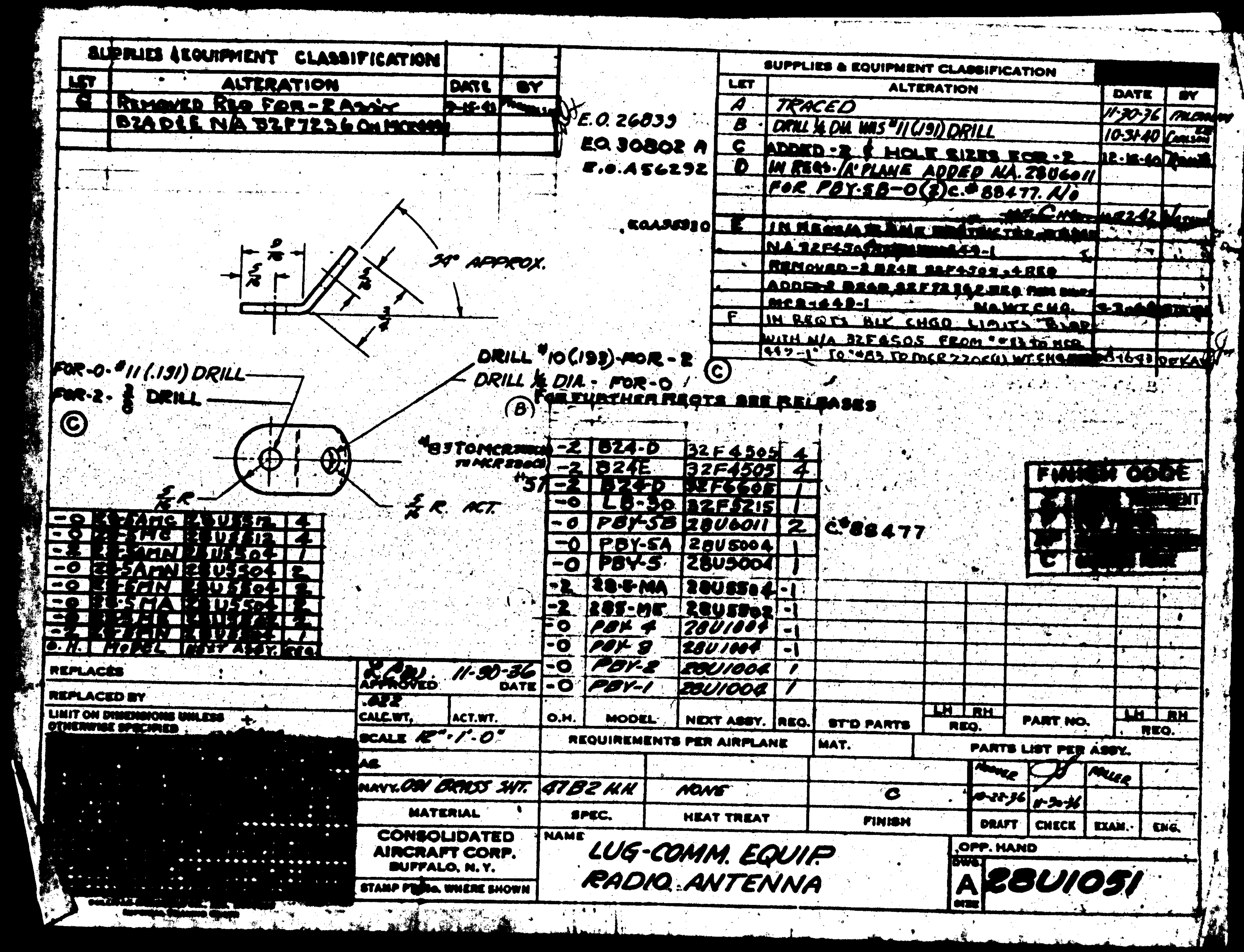
TERMINAL - COMMUN. EQUIPMENT - RADIO ANTENNA

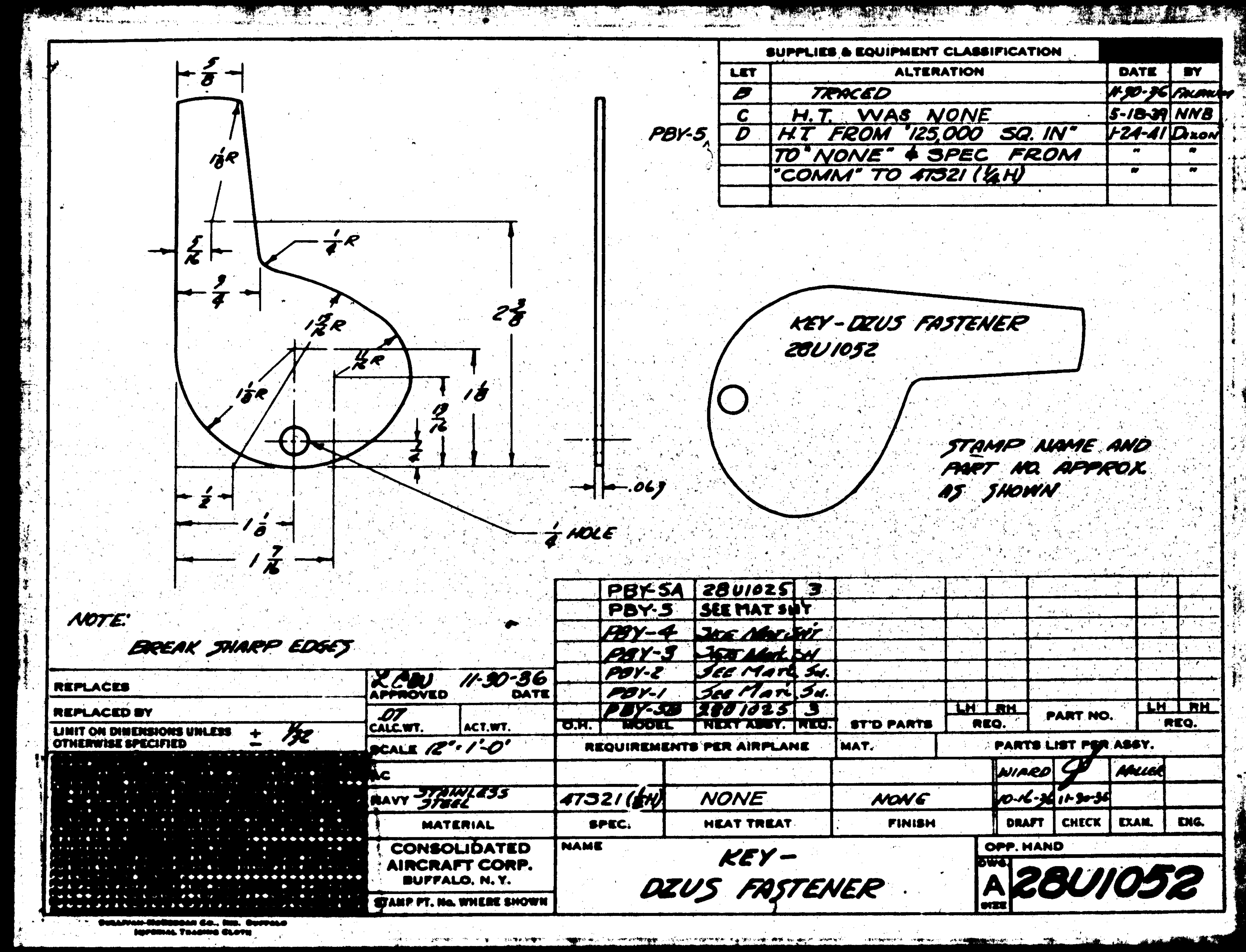
CONSOLIDATED AIRCRAFT CORPN. DR'WG. No. 28U026


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 11-30-36
MAKE FROM 2 O.D. x 3/32 TUBE
1
60°
60°
60°
60°
STAMP 1/8 LETTERS
28U1048 FRONT SPAR WING FITTING
7/32
7/32
2 1/8
DRILL 15/32 THRU, 6 HOLES
1 17/32 HEX
FINISH CODE
Z ANCO-C TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5B 28U1025 1
PBY-5A 28U1025 1
PBY-4 28U1025
PBY-3 28U1025
PBY-2 28U1025
PBY-1 28U1025
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
11-30-36
APPROVED DATE
CALC.WT. ACT.WT. O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 12"-1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NORMALIZE
NAVY C.M. TUBE
44T18
N.A.F. SH.276-1
C
8-6-36
12-1-36
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
WRENCH-SOCKET-FRONT SPAR WING FITTING
OPP. HAND
DWG. A SIZE
28U1048

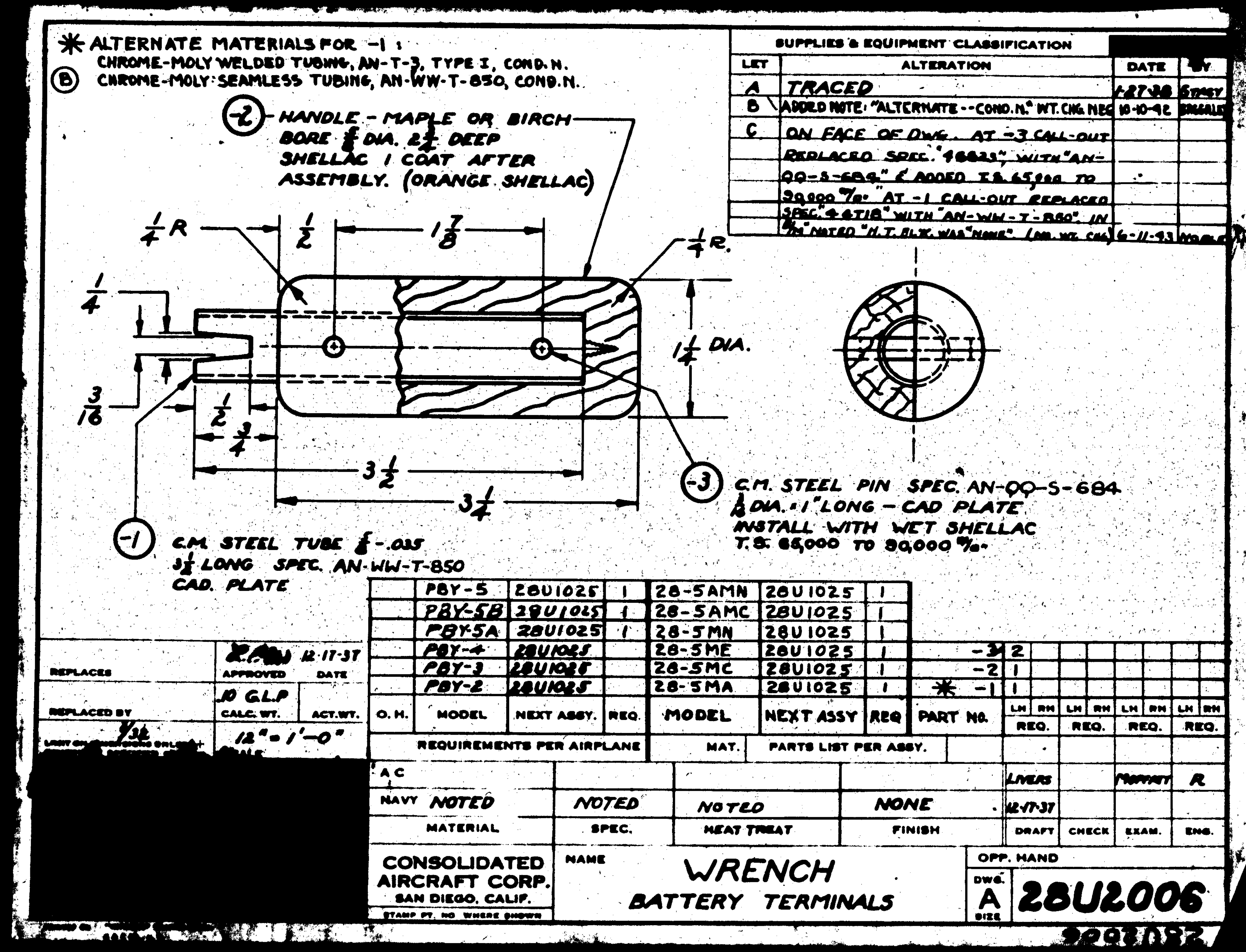


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
11-30-36
MAKE FROM 1⅜ O.D. x ⅛
C.M. STEEL TUBE
60°
60°
60°
60°
STAMP IN
⅛ LETTERS
28U1049
UPPER FRONT STRUT FITTING
1 15/32
HEX.
½
½
2
FINISH CODE
Z
P
AP
C
DRILL 15/32 THRU - 6 HOLES
PBY-5B
28U1025
1
PBY-5A
28U1025
1
PBY-4
28U1025
PBY-3
28U1025
PBY-2
28U1025
PBY-1
28U1025
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/64
APPROVED
11-30-36
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
44 T 18
NAF. SH. 276-1
C
8-15-36
12-1-36
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
WRENCH - SOCKET
UPPER WING STRUT FITTING
OPP. HAND
DWG.
A
SIZE
28U1049
SULLIVAN-MCKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

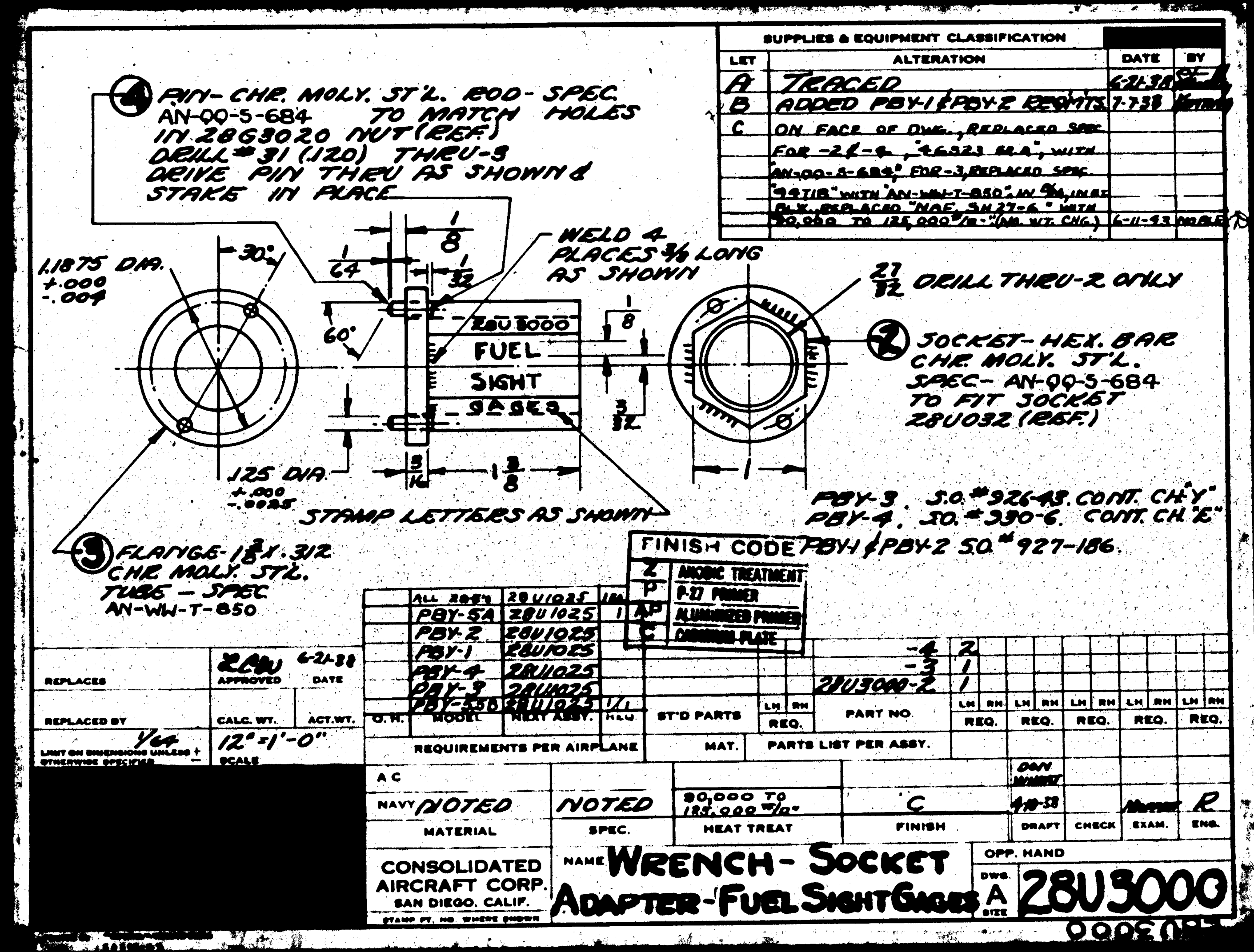

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
G | REMOVED REQ FOR -2 ASSY B24D&E N/A 32F7236 ON MCR
E.O. 26839
E.O. 30802 A
E.O. A56292
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 11-30-36
B | DRILL 1/8 DIA WAS #11 (.191) DRILL | 10-31-40
C | ADDED -2 & HOLE SIZES FOR -2
D | IN REQS. 1 PLANE ADDED N/A 28U6011 FOR PBY-5B-0 (2) C.#88477. N/C
E
F | IN REQTS BLK CHGD LIMITS B24D WITH N/A 32F4505 FROM "#13 TO MCR
54° APPROX.
FOR-0-#11 (.191) DRILL
FOR-2- 3/16 DRILL
DRILL #10 (.193) FOR-2
DRILL 1/8 DIA.- FOR-0
FOR FURTHER REQTS SEE RELEASES
5/16 R. ACT.
-2 | B24-D | 32F4505 | 4
-2 | B24E | 32F4505 | 4
-2 | B24D | 32F6605 | 1
-0 | LB-30 | 32F5215 | 1
-0 | PBY-5B | 28U6011 | 2
C#88477
-0 | PBY-5A | 28U5004 | 1
-0 | PBY-5 | 28U5004 | 1
-2 | 28-5-MA | 28U5504 | 1
-2 | 285-ME | 28U5502 | 1
-0 | PBY-4 | 28U1004 | 1
-0 | PBY-3 | 28U1004 | 1
-0 | PBY-2 | 28U1004 | 1
-0 | PBY-1 | 28U1004 | 1
O.H. | MODEL | NEXT ASSY. | REQ.
FINISH CODE
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED 11-30-36 DATE
CALC.WT. .022 ACT.WT.
SCALE 12"=1'-0"
STD PARTS
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NAVY .031 BRASS SHT. 47B2 H.H. NONE C
MATERIAL SPEC. HEAT TREAT FINISH
10-28-36 11-30-36
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME LUG-COMM. EQUIP. RADIO ANTENNA
OPP. HAND
A 28U1051



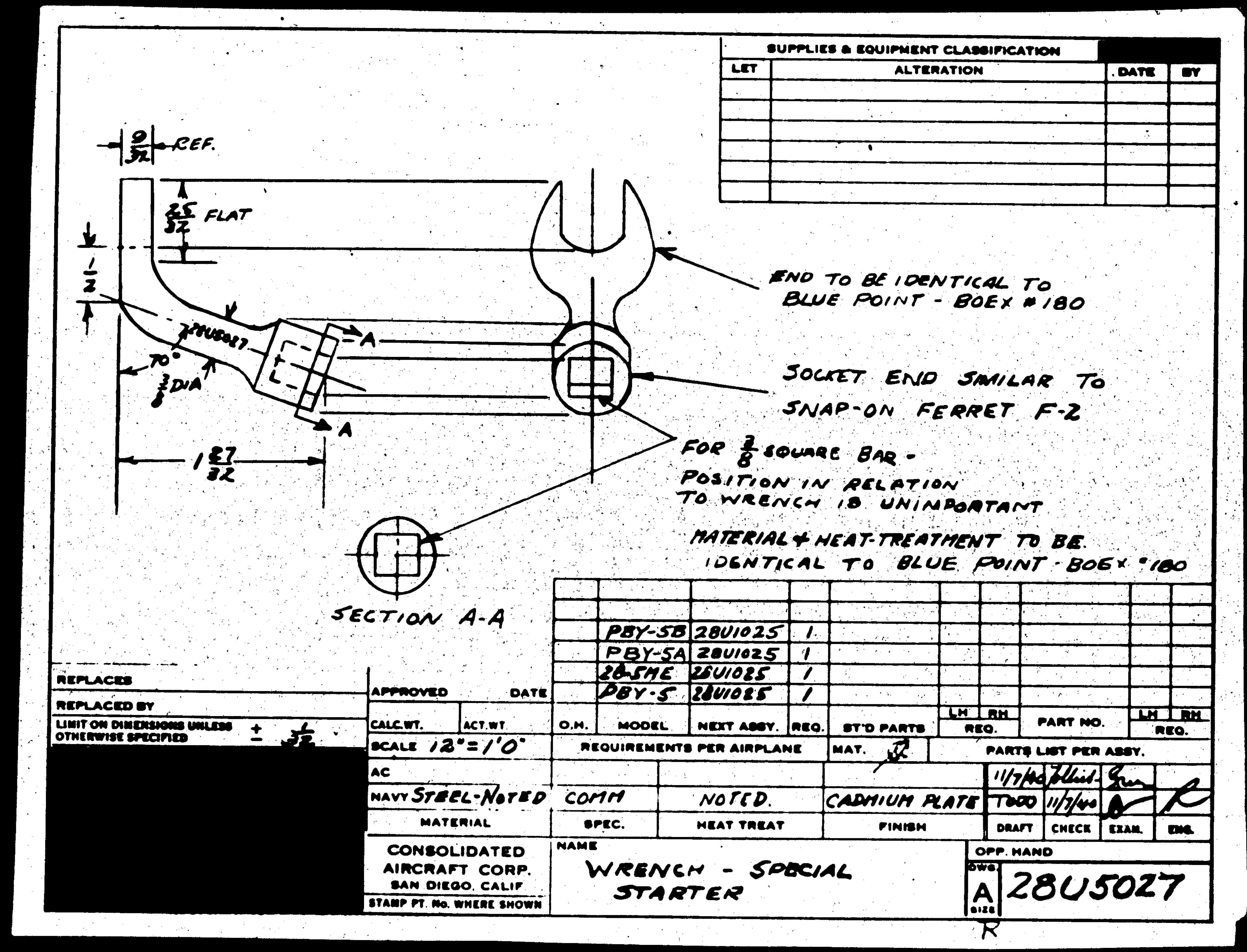
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED | 11-30-36
C | H.T. WAS NONE | 5-18-39 | NNB
PBY-5 D | H.T. FROM "125,000 SQ. IN" TO "NONE" & SPEC FROM "COMM" TO 47S21 (¼H) | 1-24-41 | Dixon
5/8
1 1/8 R
5/16
1/4 R
3/4
1 5/16 R
2 3/8
11/16 R
1 1/8 R
1 1/8
13/16
1/2
1/2
1 1/8
1 7/16
1/4 HOLE
.063
KEY - DZUS FASTENER
28U1052
STAMP NAME AND PART NO. APPROX. AS SHOWN
NOTE:
BREAK SHARP EDGES
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED 11-30-36 DATE
.07 CALC. WT.
ACT. WT.
SCALE 12" - 1'-0"
AC
NAVY STAINLESS STEEL
MATERIAL
PBY-5A | 28U1025 | 3
PBY-5 | SEE MAT SHT
PBY-4 | See Mat. Sht
PBY-3 | See Mat. Sh.
PBY-2 | See Mat. Sh.
PBY-1 | See Mat. Sh.
PBY-3B | 28U1025 | 3
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.
47S21 (¼H) | NONE | NONE
SPEC. | HEAT TREAT | FINISH
WIARD 10-16-36 | 11-30-36 | MILLER
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
KEY - DZUS FASTENER
OPP. HAND
DWG. A SIZE 28U1052



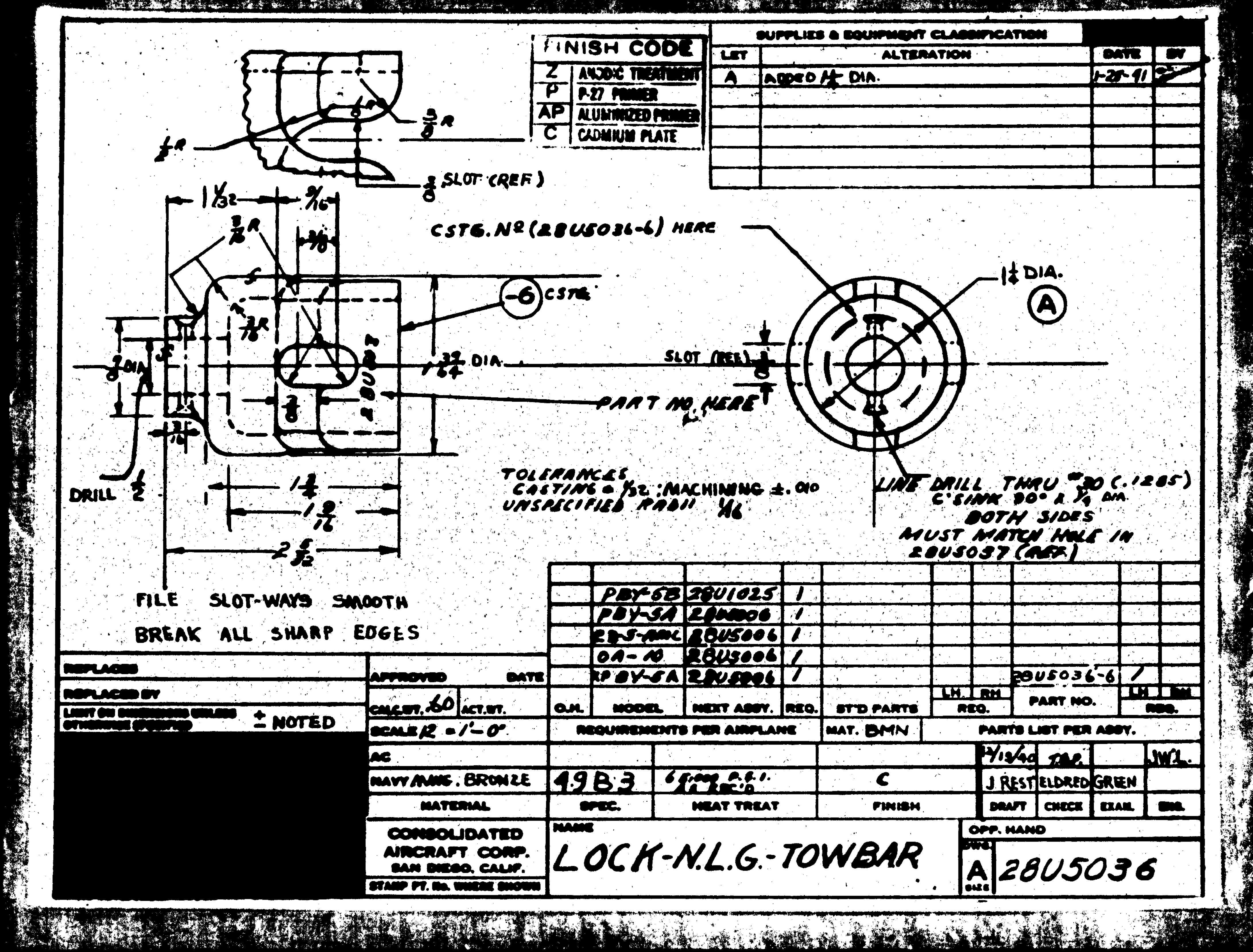
* ALTERNATE MATERIALS FOR -1 :
CHROME-MOLY WELDED TUBING, AN-T-3, TYPE I, COND. N.
(B) CHROME-MOLY SEAMLESS TUBING, AN-WW-T-850, COND. N.
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
1-27-38
B
ADDED NOTE: "ALTERNATE - - COND. N." WT. CHG. NEG
10-10-42
C
ON FACE OF DWG. AT -3 CALL-OUT REPLACED SPEC. "46823", WITH "AN-QQ-S-684," & ADDED T.S. 65,000 TO 90,000 #/□" AT -1 CALL-OUT REPLACED SPEC. "46T18" WITH "AN-WW-T-850". IN "HT" NOTED "H.T. ALT. WAS "NONE" (NO WT. CHG)
6-11-43
(-2) HANDLE - MAPLE OR BIRCH
BORE 5/8 DIA. 2 1/2 DEEP
SHELLAC 1 COAT AFTER
ASSEMBLY. (ORANGE SHELLAC)
1/4 R
1/2
1 7/8
1/4 R.
1/4
1 1/4 DIA.
3/16
1/2
3/4
3 1/2
3 1/4
(-3) C.M. STEEL PIN SPEC. AN-QQ-S-684
1/8 DIA. × 1" LONG - CAD PLATE
INSTALL WITH WET SHELLAC
T.S. 65,000 TO 90,000 #/□"
(-1) C.M. STEEL TUBE 5/8 - .035
3 1/2 LONG SPEC. AN-WW-T-850
CAD. PLATE
PBY-5 28U1025 1 28-5AMN 28U1025 1
PBY-5B 28U1025 1 28-5AMC 28U1025 1
PBY-5A 28U1025 1 28-5MN 28U1025 1
PBY-4 28U1025 28-5ME 28U1025 1 -3 2
PBY-3 28U1025 28-5MC 28U1025 1 -2 1
PBY-2 28U1025 28-5MA 28U1025 1 * -1 1
O. H.
MODEL
NEXT ASSY.
REQ.
MODEL
NEXT ASSY
REQ
PART NO.
LH RH LH RH LH RH LH RH
REQ. REQ. REQ. REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
APPROVED
12-17-37
DATE
REPLACED BY
10 G.L.P
CALC. WT.
ACT. WT.
1/32
12" = 1'-0"
[redacted]
A C
NAVY NOTED
MATERIAL
NOTED
SPEC.
NOTED
HEAT TREAT
NONE
FINISH
LIVERS
12-17-37
DRAFT
CHECK
EXAM.
R
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME
WRENCH
BATTERY TERMINALS
OPP. HAND
DWG.
A
SIZE
28U2006



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A TRACED 6-21-38
B ADDED PBY-1 & PBY-2 REQMTS. 7-7-38
C ON FACE OF DWG., REPLACED SPEC. FOR -2 & -4, "46323 GR. A" WITH "AN-QQ-S-684"; FOR -3, REPLACED SPEC. "99T18" WITH "AN-WW-T-850". IN [illegible] BLK. REPLACED "NAF. SH27-6" WITH "90,000 TO 125,000 #/□" (NO WT. CHG.) 6-11-43
4 PIN - CHR. MOLY. ST'L. ROD - SPEC. AN-QQ-S-684 TO MATCH HOLES IN 28G3020 NUT (REF.) DRILL #31 (.120) THRU -3 DRIVE PIN THRU AS SHOWN & STAKE IN PLACE
1.1875 DIA. +.000 -.004
30°
60°
1/8
1/64
1/32
WELD 4 PLACES 3/8 LONG AS SHOWN
28U3000
FUEL
SIGHT
GAGES
1/8
3/32
27/32 DRILL THRU -2 ONLY
2 SOCKET - HEX. BAR CHR. MOLY. ST'L. SPEC. - AN-QQ-S-684 TO FIT SOCKET 28U032 (REF.)
.125 DIA. +.000 -.0025
5/16
1 3/8
1
STAMP LETTERS AS SHOWN
PBY-3 S.O. #926-43 CONT. CH. "Y"
PBY-4 S.O. #330-6 CONT. CH. "E"
PBY-1 & PBY-2 S.O. #927-186
3 FLANGE - 1 3/8 X .312 CHR. MOLY. ST'L. TUBE - SPEC. AN-WW-T-850
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
ALL 28-5's 28U1025
PBY-5A 28U1025 1
PBY-2 28U1025
PBY-1 28U1025
PBY-4 28U1025
PBY-3 28U1025
PBY-5B 28U1025
-4 2
-3 1
28U3000-2 1
REPLACES
APPROVED 6-21-38 DATE
REPLACED BY
CALC. WT.
ACT. WT.
1/64 LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
12" = 1'-0" SCALE
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
90,000 TO 125,000 #/□"
C
4-18-38
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME WRENCH - SOCKET ADAPTER - FUEL SIGHT GAGES
OPP. HAND
DWG. A SIZE
28U3000



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
9/32 REF.
25/32 FLAT
1/2
28U5027
70°
3/8 DIA
1 27/32
A
A
END TO BE IDENTICAL TO BLUE POINT - BOEX #180
SOCKET END SIMILAR TO SNAP-ON FERRET F-2
FOR 3/8 SQUARE BAR - POSITION IN RELATION TO WRENCH IS UNIMPORTANT
MATERIAL & HEAT-TREATMENT TO BE IDENTICAL TO BLUE POINT - BOEX #180
SECTION A-A
PBY-5B 28U1025 1
PBY-5A 28U1025 1
28-5ME 28U1025 1
PBY-5 28U1025 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY STEEL-NOTED
COMM
NOTED.
CADMIUM PLATE
11/7/40
11/7/40
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF
STAMP PT. No. WHERE SHOWN
NAME
WRENCH - SPECIAL STARTER
OPP. HAND
DWG. SIZE A
28U5027
R



FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ADDED 1¼ DIA.
1-25-41
3/8 R
3/8 SLOT (REF)
1 1/32
9/16
3/16
CSTG. № (28U5036-6) HERE
-6 CSTG.
1¼ DIA.
A
1 33/64 DIA.
SLOT (REF.)
PART NO. HERE
DRILL ½
1¾
1 9/16
2 5/32
TOLERANCES
CASTING ± 1/32 : MACHINING ± .010
UNSPECIFIED RADII 1/16
LINE DRILL THRU #30 (.1285)
C'SINK 90° x ¼ DIA
BOTH SIDES
MUST MATCH HOLE IN
28U5037 (REF.)
FILE SLOT-WAYS SMOOTH
BREAK ALL SHARP EDGES
PBY-5B 28U1025 1
PBY-5A 28U5006 1
28-5-AMC 28U5006 1
OA-10 28U5006 1
PBY-6A 28U5006 1
28U5036-6 1
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH. RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
± NOTED
APPROVED
DATE
CALC.WT. .60
ACT.WT.
SCALE 12 = 1'-0"
MAT. BMN
AC
NAVY MANG. BRONZE
49B3
C
11/13/40
J REST
ELDRED
GREEN
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
LOCK-N.L.G.-TOWBAR
OPP. HAND
A
28U5036

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	IN B/M REPLACED SPEC. "46323" WITH "AN-QQ-S-684" & HT "125,000 #/□" AS REQ'D WITH "125,000 TO 145,000 #/□" REQ'T REQ/AIR TO DATE. NO WT. CHG.	6-10-4[illegible]	[illegible]

JIG DRILL #10 (.1935) MUST MATE WITH HOLE IN 28U5032

CHAMFER 45° x 1/32 - BOTH ENDS

DRILL #30 (.1285) MUST MATCH HOLE IN 28U5035

15/16

7/16

.500 +.000 -.005 DIA.

8

FINISH CODE	
Z	ANODIC TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-5-AMA	28U5006	1						
	28-5-AMC	28U5006	1						
	OA-10	28U5006	1						
	PBY-5A	28U5006	1						
	XPBY-5A	28U5006	1						

REQUIREMENTS PER AIRPLANE — MAT. SMN 1/2 — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED — DATE

CALC. WT. .45 — ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY

MATERIAL	SPEC.	HEAT TREAT	FINISH
C.M. STEEL ROD	AN-QQ-S-684	125,000 TO 145,000 #/□	C

DRAFT 4-18-40 — CHECK — EXAM. — ENG.

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

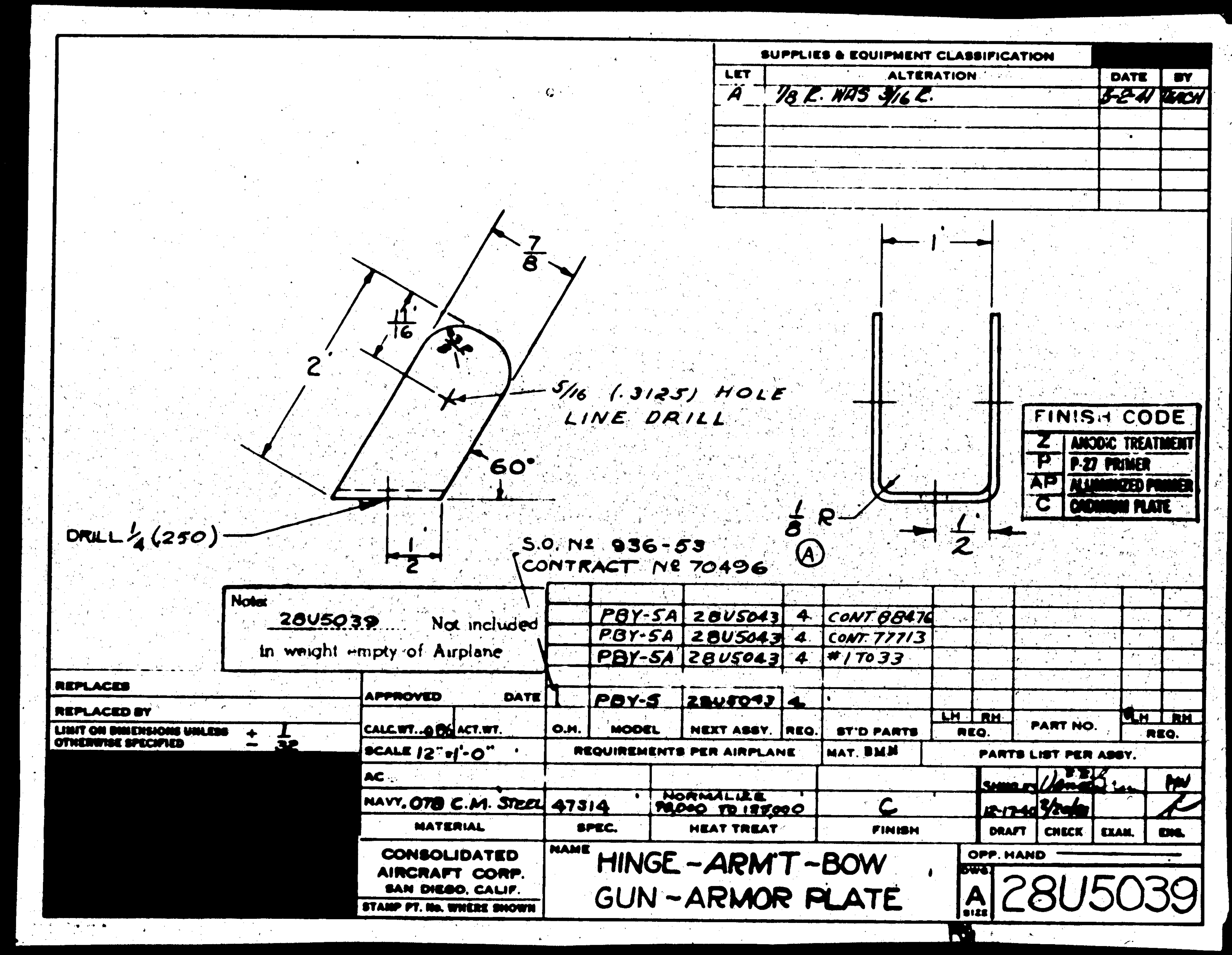
STAMP PT. No. WHERE SHOWN

NAME ROD - N.L.G. - TOWBAR - LOCK

OPP. HAND

SIZE A 28U5037

28U5037 R


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
1/8 R. WAS 3/16 R.
7/8
1/16
2
5/16 (.3125) HOLE
LINE DRILL
60°
DRILL 1/4 (250)
1/2
1
1/8 R
1/2
A
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
S.O. № 936-53
CONTRACT № 70496
Note:
28U5039 Not included
in weight empty of Airplane
PBY-5A 28U5043 4 CONT 88476
PBY-5A 28U5043 4 CONT 77713
PBY-5A 28U5043 4 #1 TO 33
PBY-5 28U5043 4
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT. BMN
PARTS LIST PER ASSY.
AC
NAVY
.078 C.M. STEEL
47314
NORMALIZE 98,000 TO 125,000
C
12-17-40
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
HINGE - ARM'T - BOW
GUN - ARMOR PLATE
OPP. HAND
DWG.
A
SIZE
28U5039

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	REDESIGNED AS CASTING	2-14-41	SHARP
B.	3/16 WAS 5/32 SPOTFACE WAS 7/16 DIA	3-11-41	COOK
	MATERIAL SPEC CHANGED CHANGED LOG PART NO		
C	IN B/M, FOR -6, REPLACED "AL. ALLOY CASTING,"		
	SPEC. "195T6," H.T. "NONE" WITH "NOTED," ADDED		
	MAT'L. NOTE FOR -6. NO WT. CHG	7-19-43	Pollock

NOTE: ALL CORNERS EXCEPT FINISH SURFACE MAY BE 1/16 R

MAT'L NOTE FOR -6:
(A.) 195T6 AL. AL. CASTING, SPEC. AN-QQ-A-390 CL II, T.S. 32,000 P.S.I, OR
(B.) S195T6 AL. AL CASTING, SPEC. AN-A-5 CL. II, T.S. 32,000 P.S.I

USEFUL LOAD, NOT INCL. IN WT EMPTY

S.O. NO 936-53
CONTRACT 70496

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5A	28U5056	4						
	PBY-5	28U5056-2	2						
	PBY-5	28U5056-0	2				-6		

REQUIREMENTS PER AIRPLANE | MAT. BMN | PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32
APPROVED	DATE
CALC. WT. .071	ACT. WT.
SCALE 12" = 1'-0"	
AC	

[redacted]

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY NOTED	NOTED	NOTED	Z-P-2AP	SHAKLES 11-26-40			

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

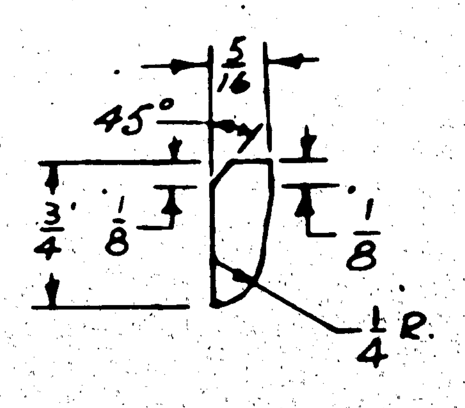
NAME CLIP-ARM'T ~30 CAL. B.A.M. GUN-REAR ARM PLAT

OPP. HAND —

SIZE A DWG. 28U5046

28U5046

SUPPLIES & EQUIPMENT CLASSIFICATION	[redacted]		
LET	ALTERATION	DATE	BY



Note:
USEFUL LOAD, Not included in weight empty of Airplane.

CONT. 77713

CONT. 88476

S.O. NO. 936-53
CONTRACT 70496

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28U5074	4
	PBY-5A	28U5068	4
	PBY-5A	28U5074	4
	PBY-5A	28U5068	4
	PBY-5A	28U5074	4
	PBY-5	28U5074	4
	PBY-5A	28U5068	4
	PBY-5	28U5068	4

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. BMN — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 ± 1/2°

[redacted]

APPROVED — DATE

CALC. WT. .006 — ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY X4130 C.M. STEEL — 57S14 — NORMALIZE 95,000 TO 125,000 — NONE

MATERIAL	SPEC.	HEAT TREAT	FINISH
X4130 C.M. STEEL	57S14	NORMALIZE 95,000 TO 125,000	NONE

DRAFT	CHECK	EXAM.	ENG.
C.L. COOK	Vance Green 3/29/41		R

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME GUSSET-ARM'T-30 CAL
B.A.M. GUN-REAR ARM.
PLATE

OPP. HAND —

DWG. SIZE A 28U5048

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]			
LET	ALTERATION	DATE	BY
A	ADDED CONT. #77713 ALL & CONT. #88976 #1 TO #52 INCL. FOR PBY-5A	6-16-42	PERIVOLAAN

FIN'S CODE	
Z	AN-50-C TREATMENT
P	P 27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

DRILL 3/8 DIA. HOLE

DRILL 1/4 DIA. HOLE

1"

1/2"

9/16"

1/2

Note: USEFUL LOAD, N... in weight empty of A...

MAKE FROM EXTRUDED SECTION K78F

CONT #77713 ALL
" #88976 #1 TO #52 INCL.
S.O. No 936-53
CONTRACT 70496

	PBY-5A	28A5722	4								
	PBY-5A	28U5056-2	2								
	PBY-5A	28U5056-0	2								
	PBY-5	28U5056-2	2								
	PBY-5	28U5056-0	2								
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH	RH	PART NO.	LH	RH
REQUIREMENTS PER AIRPLANE				MAT. BMN			PARTS LIST PER ASSY.		

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED — DATE

CALC. WT. .03 — ACT. WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY K78F EXT.	46A9-T	NONE	Z-P-2AP	SHIRE 12-27-40	2/21/41		

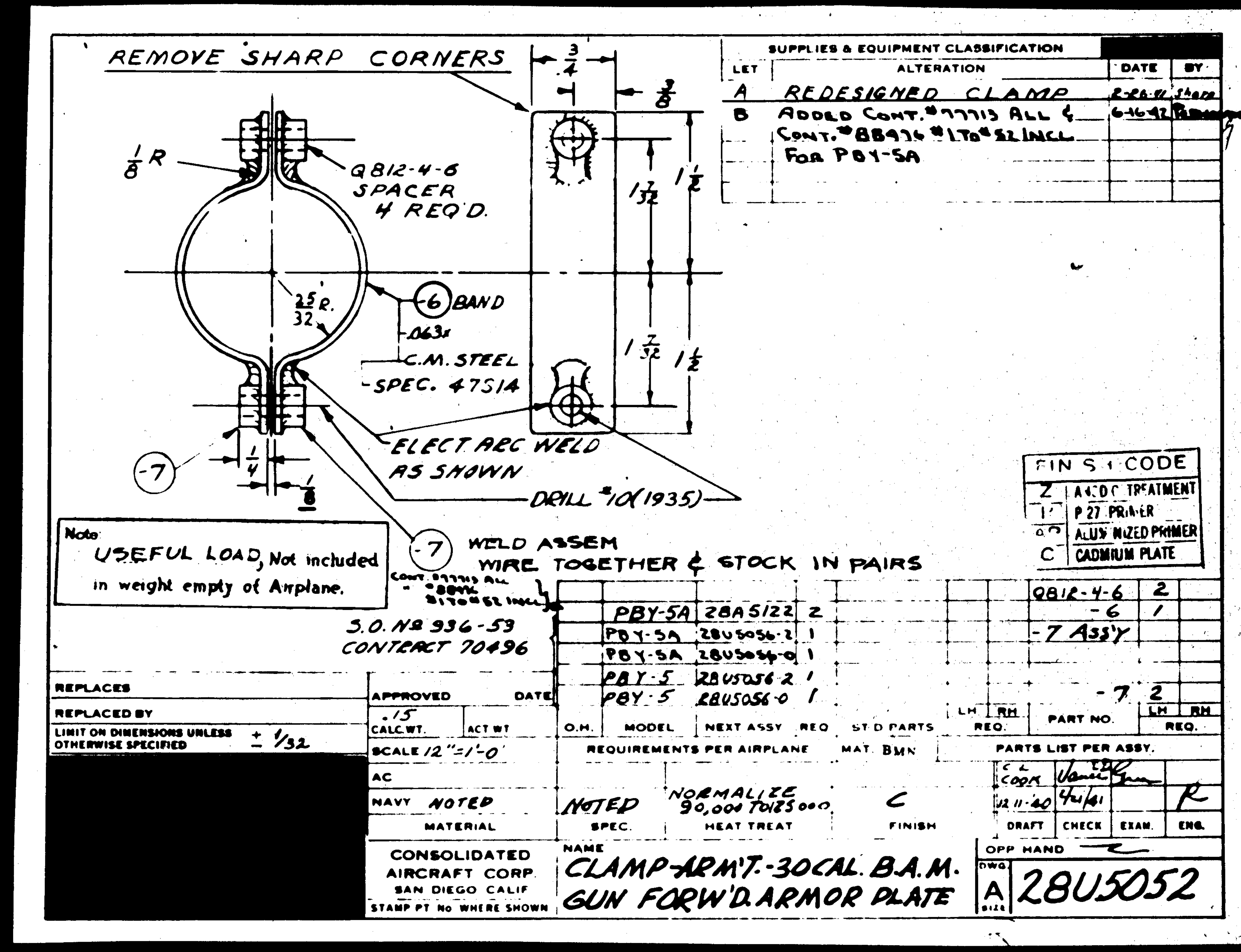
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME CLIP-ARM'T-30 CAL. B.A.M. GUN F'W'D-ARM. PLATE

OPP. HAND —

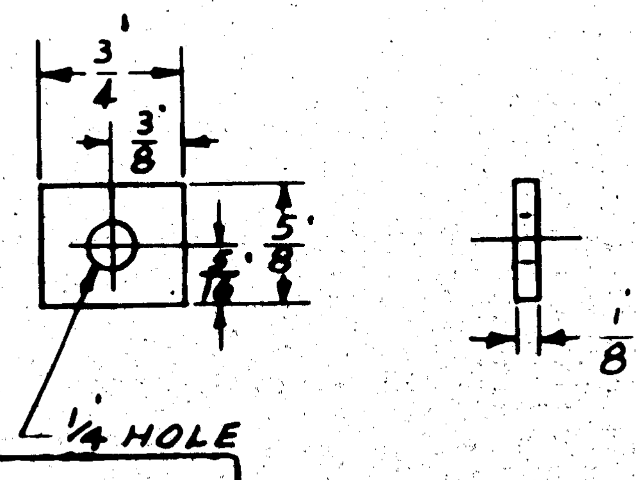
DWG. A SIZE 28U5051



REMOVE SHARP CORNERS
3/4
3/8
1/8 R
Q812-4-6
SPACER
4 REQ'D.
1 7/32
1 1/2
25/32 R.
-6 BAND
.063x
C.M. STEEL
SPEC. 47S14
ELECT ARC WELD
AS SHOWN
-7
1/4
1/8
DRILL #10(1935)
-7
WELD ASSEM
WIRE TOGETHER & STOCK IN PAIRS
Note:
USEFUL LOAD, Not included in weight empty of Airplane.
S.O. No 936-53
CONTRACT 70496
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
REDESIGNED CLAMP
B
ADDED CONT. #77713 ALL & CONT. #88976 #1 TO #52 INCL. FOR PBY-5A
6-16-42
FINISH CODE
Z
ANODIC TREATMENT
P 27 PRIMER
ALUMINIZED PRIMER
C
CADMIUM PLATE
PBY-5A
28A5122
2
PBY-5A
28U5056-2
1
PBY-5A
28U5054-0
1
PBY-5
28U5056-2
1
PBY-5
28U5056-0
1
Q812-4-6
2
-6
1
-7 ASS'Y
-7
2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
APPROVED
DATE
.15
CALC WT.
ACT WT
SCALE 12"=1'-0"
AC
NAVY NOTED
MATERIAL
O.H.
MODEL
NEXT ASSY
REQ
ST'D PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT. BMN
PARTS LIST PER ASSY.
NOTED
SPEC.
NORMALIZE
90,000 TO 125,000
HEAT TREAT
C
FINISH
12-11-40
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO CALIF
STAMP PT No WHERE SHOWN
NAME
CLAMP-ARM'T.-30CAL. B.A.M. GUN FORW'D. ARMOR PLATE
OPP HAND
DWG.
A
SIZE
28U5052

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	ADDED CONTRACT Nos FOR PBY5A	6-18-42	[illegible]



Note: USEFUL LOAD Not included in weight empty of Airplane.

PURCHASE TO DWG.

NEOPRENE TO BE 30-40 SHORE HARDNESS

CONT. 77713 ALL
" 88476-
21 TO 32 INCL

S.O. № 936-53
CONTRACT 70496

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28A5122	8						
	PBY-5A	28U5056-2	4						
	PBY-5A	28U5056-0	4						
	PBY-5	28U5056-2	4						
	PBY-5	28U5056-0	4						

REQUIREMENTS PER AIRPLANE — MAT. BMX — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED — DATE

CALC. WT. .003 — ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY

MATERIAL	SPEC.	HEAT TREAT	FINISH
NEOPRENE	N-11	NONE	

DRAFT	CHECK	EXAM.	ENG.
K. LEE COOK 12-16-40	[illegible] 4/21/41	[illegible]	[illegible]

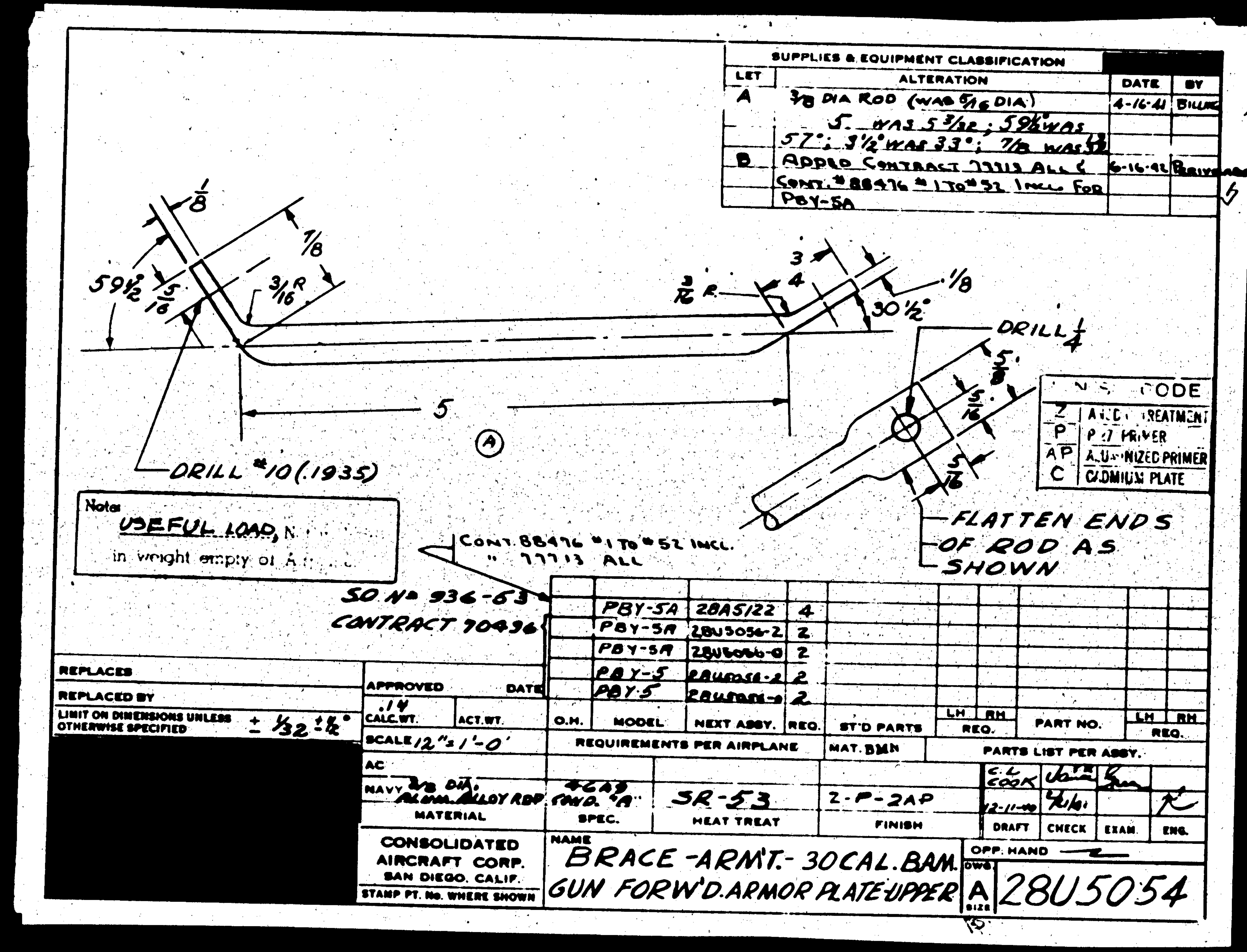
OPP. HAND —

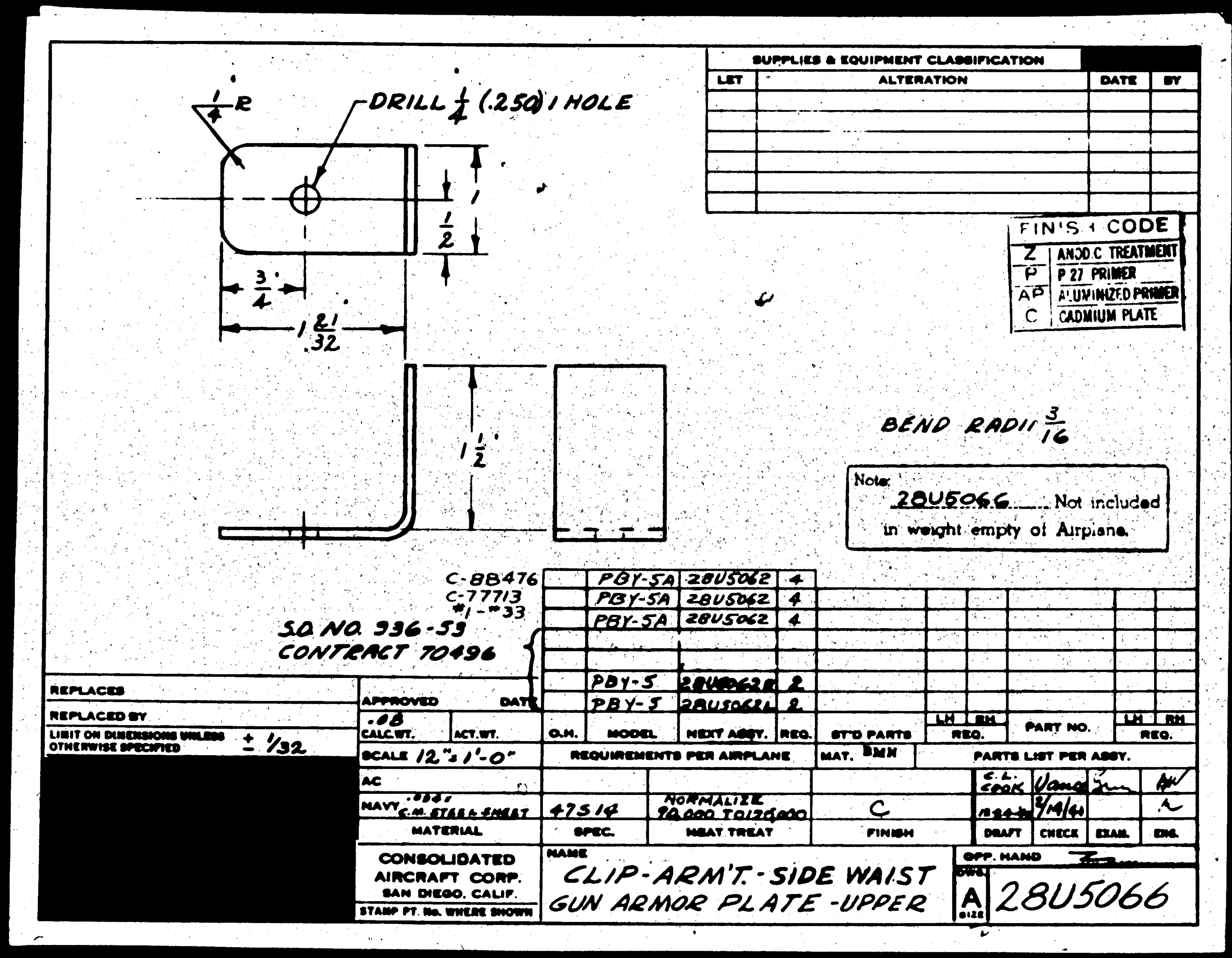
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME: WASHER-ARM'T.-30 CAL. B.A.M. GUN FORW'D. ARMOR PLATE

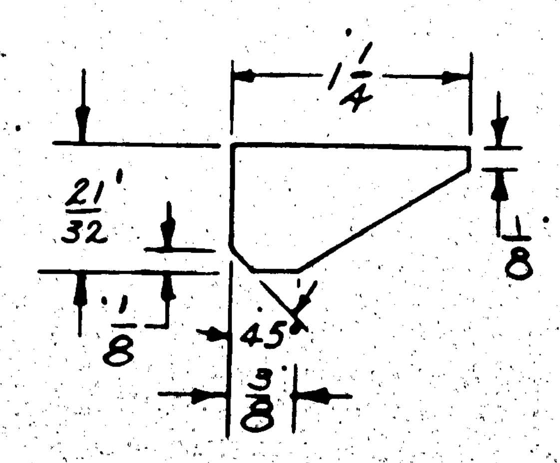
DWG. SIZE A — 28U5053


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
3/8 DIA ROD (WAS 5/16 DIA)
4-16-41
5. WAS 5 3/32 ; 59½° WAS 57°; 3½° WAS 33°; 7/8 WAS
B
ADDED CONTRACT 77713 ALL & CONT. #88476 #1 TO #52 INCL. FOR PBY-5A
6-16-42
1/8
1/8
59½°
5/16
3/16 R
3/16 R.
3
4
1/8
30½°
5
A
DRILL #10 (.1935)
DRILL 1/4
5/8
5/16
5/16
CODE
Z
P
AP
AL.UMINIZED PRIMER
C
CADMIUM PLATE
FLATTEN ENDS OF ROD AS SHOWN
Note:
USEFUL LOAD,
in weight empty of
CONT. 88476 #1 TO #52 INCL.
" 77713 ALL
SO Nº 936-63
CONTRACT 70436
PBY-5A
28A5122
4
PBY-5A
28U5056-2
2
PBY-5A
2
PBY-5
2
PBY-5
2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32 ± ½°
APPROVED
DATE
.14
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT. BMN
PARTS LIST PER ASSY.
AC
NAVY
3/8 DIA.
ALUM. ALLOY ROD
MATERIAL
SPEC.
SR-53
HEAT TREAT
2-P-2AP
FINISH
C.L. COOK
12-11-40
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
BRACE-ARM'T.-30 CAL. BAM. GUN FORW'D. ARMOR PLATE-UPPER
OPP. HAND
DWG.
A
SIZE
28U5054



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
1/4 R
DRILL 1/4 (.250) 1 HOLE
1
1/2
3/4
1 21/32
1 1/2
BEND RADII 3/16
Note: 28U5066 Not included in weight empty of Airplane.
C-88476
C-77713
#1-#33
SO. NO. 936-59
CONTRACT 70496
PBY-5A 28U5062 4
PBY-5A 28U5062 4
PBY-5A 28U5062 4
PBY-5 28U5062R 2
PBY-5 28U5062L 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
APPROVED
DATE
.08
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT. BMN
PARTS LIST PER ASSY.
AC
NAVY .0341 C.M. STEEL SHEET
47S14
NORMALIZE 90,000 TO 125,000
C
C.L. COOK
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
CLIP-ARM'T.-SIDE WAIST GUN ARMOR PLATE-UPPER
OPP. HAND
DWG.
A
SIZE
28U5066

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]			
LET	ALTERATION	DATE	BY



Note: USEFUL LOAD, Not Included in weight empty of Airplane.

S.O. No 936-53
CONTRACT 70496

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28U5068	4	C-88476					
	PBY-5A	28U5068	4	C-77713					
	PBY-5A	28U5068	4	33 SHIPS					
	PBY 5	28U5068	4						

REQUIREMENTS PER AIRPLANE — MAT. BMN — PARTS LIST PER ASSY.

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED DATE
CALC. WT. .008 ACT. WT
SCALE 12":1'-0"
AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY .044 C.M. STEEL	47S14	NORMALIZE 95000 TO 125000	NONE	SHIKLES 1-9-41	3/24/41		

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT No. WHERE SHOWN

NAME BRACE-ARM'T-30CAL B.A.M GUN-REAR ARM PLATE-TUNNEL GUN

OPP. HAND ———
DWG. SIZE A 28U5075

R

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY

PURCHASE TO DWG.

NEOPRENE TO BE 30-40 SHORE HARDNESS.

Note: USEFUL LOAD, Not included in weight empty of Airplane.

S.O. No 936-53
CONTRACT 70496

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5A	28U5056	3	C-88476					
	PBY-5A	28U5056	3	C-77713					
	PBY-5A	28U5056	3	#17033					
	PBY-5	28U5056-2	2						
	PBY-5	28U5056-0	1						

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED — DATE

CALC. WT. .004 — ACT. WT.

SCALE 12" = 1'-0" — REQUIREMENTS PER AIRPLANE — MAT. BMN — PARTS LIST PER ASSY.

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY NEOPRENE	N 11	NONE	NONE	1-9-41	2/21/41		

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME CUSHION - ARM'T - 30 CAL. B.A.M. GUN REAR ARMOR PLATE-LOWER.

OPP. HAND

DWG. SIZE A — 28U5079

SUPPLIES & EQUIPMENT CLASSIFICATION		[redacted]	
LET	ALTERATION	DATE	BY

1/2

1/8

45°

1 1/4

1/8

1 3/8

5/8

ALL BEND RADII 1/8

Note:
USEFUL LOAD Not included in weight empty of Airplane.

S.O. No 936-53
CONTRACT 70496

	PBY-5A	28U5074	2	C-88476					
	PBY-5A	28U5074	2	C-77713					
	PBY-5A	28U5074	2						
	PB-Y5	28U5074	2						
O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT. SMN	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED DATE

.038 CALC. WT. | ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY .044 GM. STEEL

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY .044 GM. STEEL	47-S-14	NORMALIZE 95,000 TO 125,000	NONE	1-10-41			

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

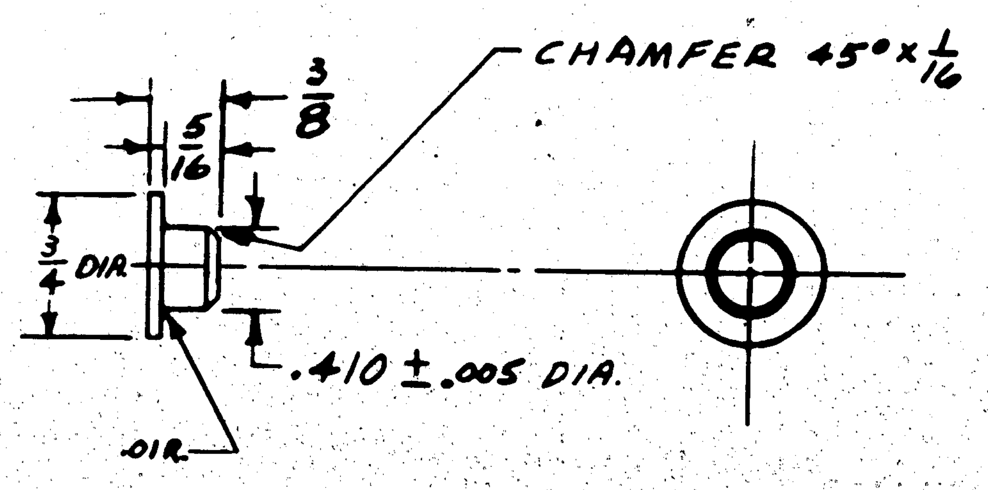
STAMP PT. No. WHERE SHOWN

NAME GUSSET-ARM'T- 30 CAL. B.A.M. GUN REAR ARMOR PLATE BOW GUN

OPP. HAND

DWG. A SIZE 28U5084

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	IN B/M REPLACED SPEC. "46S23" WITH "AN-QQ-S-684" & IN H.T. BLOCK REPLACED "NONE" WITH "90,000 TO 125,000#/□" NO WT. CHG.	6-2-43	



Notes
USEFUL LOAD ...
in weight empty of A...

S.O. No 936-53
CONTRACT 70496

	PBY-5A	28U5074	2	#1 TO 33				
	PBY-5A	28U5068	2	#1 TO #33				
	PBY-5	28U5074	2	#1 - #167				
	PBY-5	28U5068	2	#1 - #167				
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH RH REQ.	PART NO.	LH RH REQ.	
REQUIREMENTS PER AIRPLANE				MAT. BMN	PARTS LIST PER ASSY.			

REPLACES	
REPLACED BY	
UNIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/64

APPROVED	DATE				
CALC. WT. .012	ACT. WT.				
SCALE 12" = 1'-0"					
AC					
NAVY C.M. STEEL ROD	AN-QQ-S-686	90,000 TO 125,000#/□	NONE		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAN.	ENG.

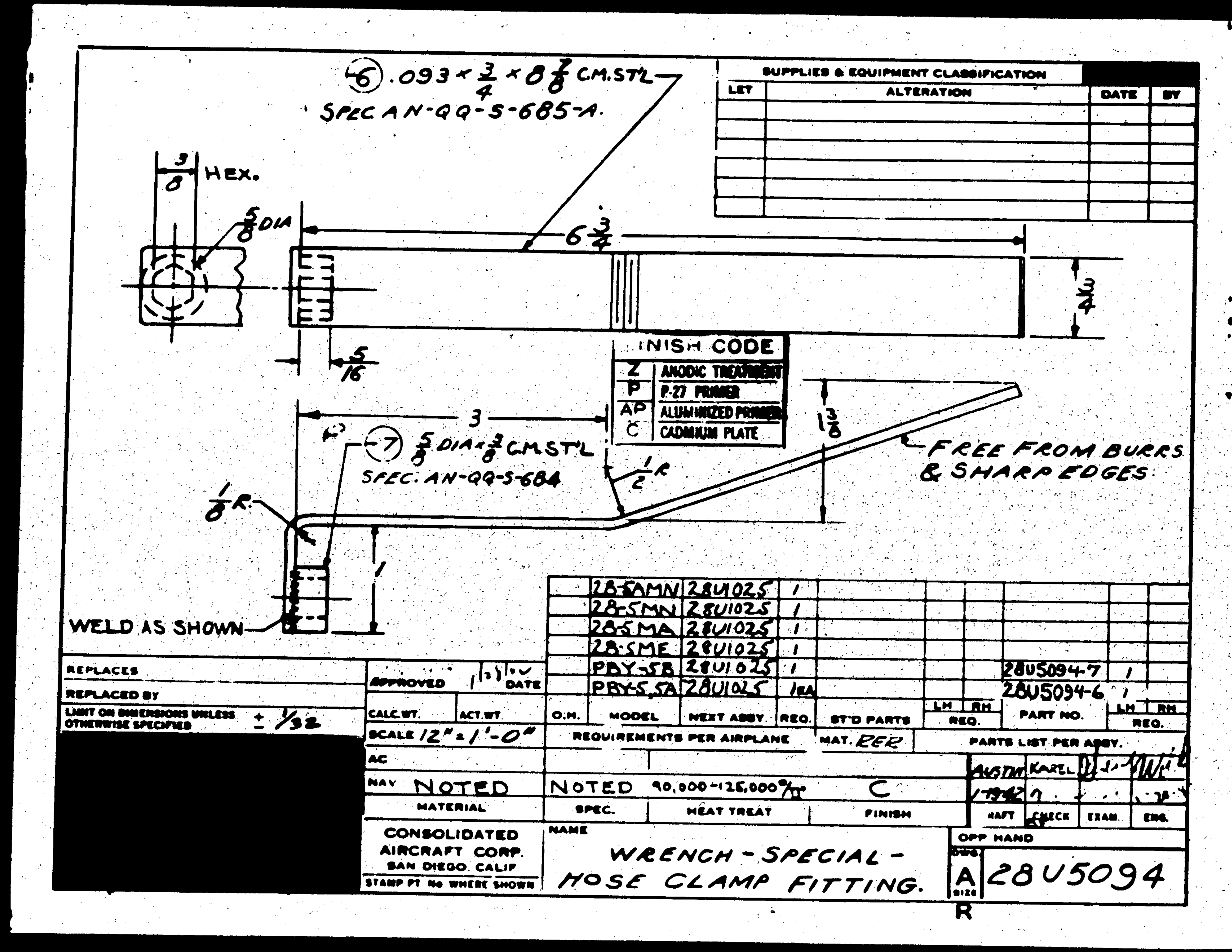
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME: PIN-ARM'T.-.30 CAL. B.A.M. GUN REAR ARMOR PLATE

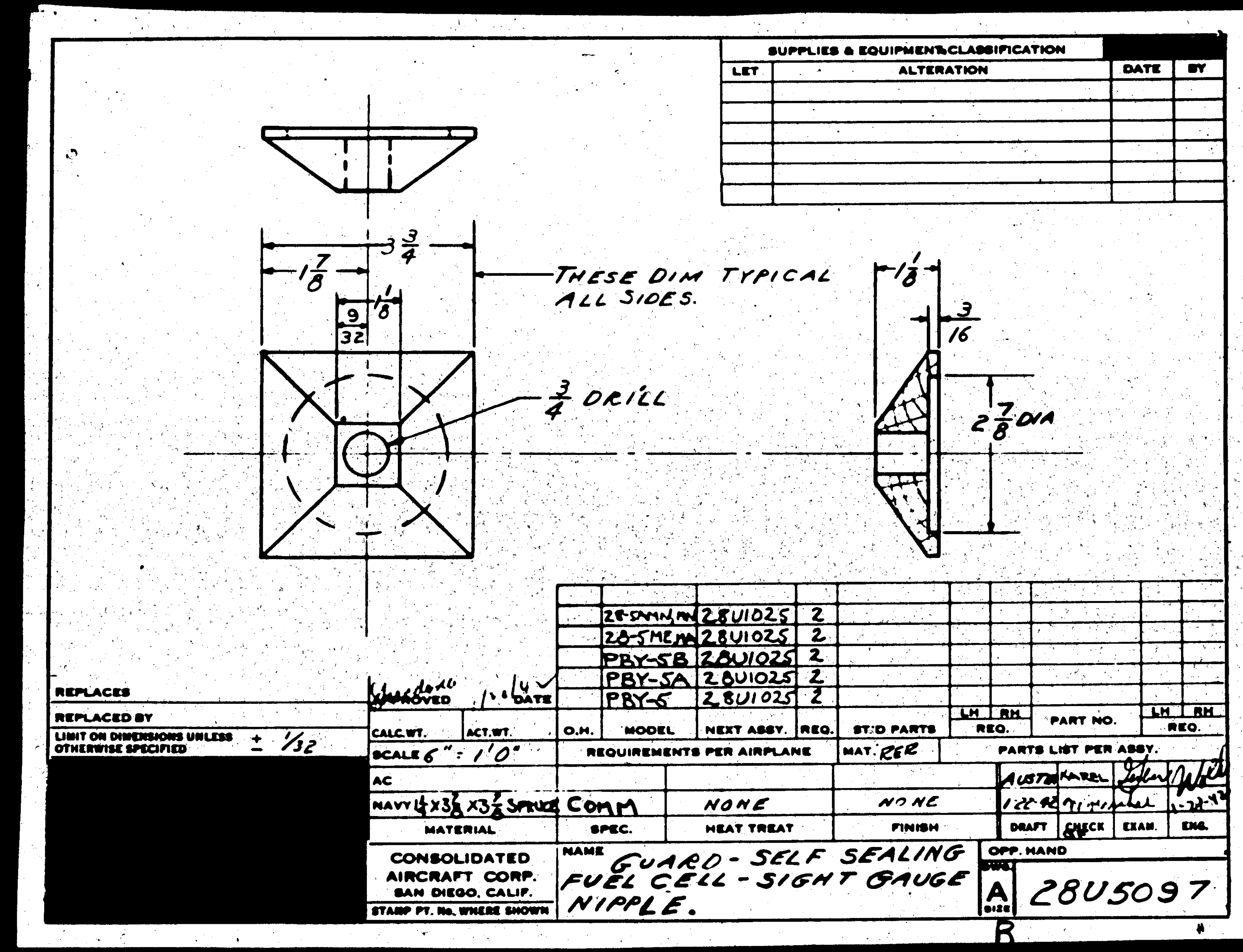
OPP. HAND —

DWG SIZE A

28U5085

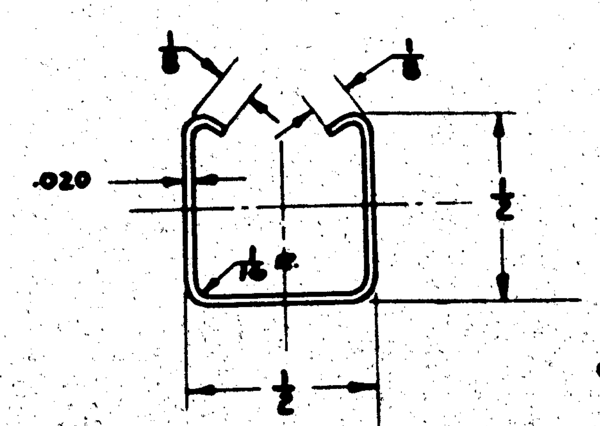


-6 .093 × 3/4 × 8 7/8 C.M.ST'L
SPEC AN-QQ-S-685-A.
3/8 HEX.
5/8 DIA
6 3/4
3/4
5/16
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
3
-7 5/8 DIA × 3/8 C.M.ST'L
SPEC. AN-QQ-S-684
1 3/8
1/2 R
FREE FROM BURRS & SHARP EDGES.
1/8 R.
1
WELD AS SHOWN
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
28-5AMN 28U1025 1
28-5MN 28U1025 1
28-5MA 28U1025 1
28-5ME 28U1025 1
PBY-5B 28U1025 1
PBY-5,5A 28U1025 1EA
28U5094-7 1
28U5094-6 1
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT. RER
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AC
NAV NOTED
MATERIAL
NOTED 90,000-125,000
SPEC.
HEAT TREAT
C
FINISH
AUSTIN
KAREL
1-1942
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO. CALIF
STAMP PT No WHERE SHOWN
NAME
WRENCH - SPECIAL - HOSE CLAMP FITTING.
OPP HAND
DWG.
A
SIZE
28U5094
R



SUPPLIES & EQUIPMENT CLASSIFICATION
[redacted]
LET
ALTERATION
DATE
BY
3 3/4
1 7/8
THESE DIM TYPICAL ALL SIDES.
9/32
1/8
3/4 DRILL
1 1/8
3/16
2 7/8 DIA
28-5AMN,MN 28U1025 2
28-5MEMA 28U1025 2
PBY-5B 28U1025 2
PBY-5A 28U1025 2
PBY-5 28U1025 2
REPLACES
REPLACED BY
APPROVED
DATE
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 6" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT. RER
PARTS LIST PER ASSY.
[redacted]
AC
NAVY 1/4 X 3 1/8 X 3 1/8 SPRUCE COMM
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME GUARD - SELF SEALING FUEL CELL - SIGHT GAUGE NIPPLE.
OPP. HAND
A SIZE
28U5097
B

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	REDRAWN	8-19-37	[illegible]



CRIMP EDGES APPROX. 45° AS SHOWN

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5B	AS PER DWG							
	PBY-5A	AS PER DRAWING							
	PBY-4								
	PBY-3								
	PBY-2								
	PBY-1								

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES	28W074 OF 5-10-34
REPLACED BY	Y-14 D 2T
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010
APPROVED	[illegible]
DATE	8-19-37
CALC. WT.	.00372 #/in.
ACT. WT.	
SCALE	24" = 1'-0"
AC	
NAVY	

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
24 SO AL. ALLOY SHEET	47A10-COND. A	SR-53	NONE	8-19-37 [illegible]	8-20-37 [illegible]		

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

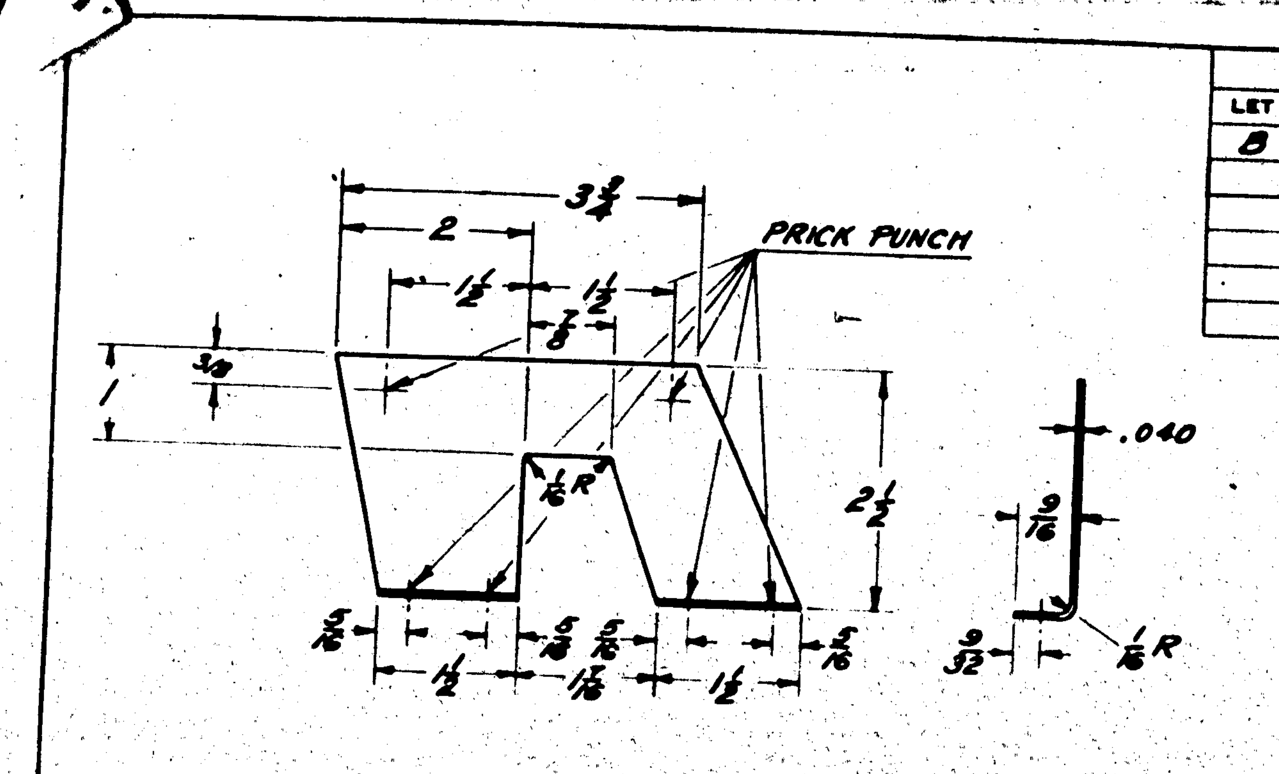
NAME: CHANNEL

OPP. HAND

DWG SIZE A — 28W074

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	8-21-36	[illegible]



L.H. SHOWN
R.H. OPPOSITE

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	SEE B.M.	
	PBY-5A	SEE B.M.	
	PBY-4		
	PBY-3		
	PBY-2	SEE BM	
	PBY-1	SEE BM	
-1	XP3Y-1		
	XP3Y-1		

REQUIREMENTS PER AIRPLANE

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015

[redacted]

[illegible] APPROVED 8-21-36 DATE

CALC.WT. .042 | ACT.WT.

SCALE 6"=1'0"

AC

NAVY AL. ALLOY SHEET — MATERIAL

47A10 COND. T ALLOY 24ST — SPEC.

NONE — HEAT TREAT

NONE — FINISH

MAT.

PARTS LIST PER ASSY.

DRAFT	CHECK	EXAM.	ENG.
VOLK	[illegible]	MILLER	LADDEN
3-17-39	9-4-36		

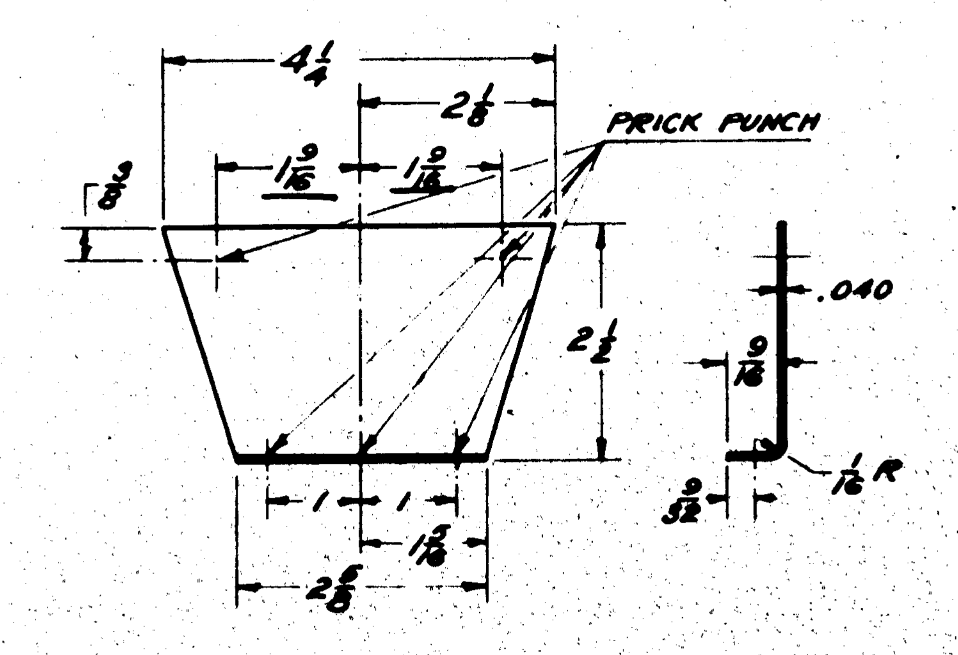
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: GUSSET - WING BULKHEAD LOWER REAR SKIN

OPP. HAND 28W079-1

DWG. SIZE A 28W079



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	8-22-36	[illegible]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5B	SEE B.M.							
	PBY-5A	SEE B.M.							
	~~PBY-4~~								
	PBY-3								
	PBY-2								
	PBY-1	SEE BM							
	XP3Y-1								

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015

[redacted]

APPROVED [illegible] DATE 8-22-36

.019 CALC. WT. | ACT. WT.

SCALE 6" = 1'0"

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC NAVY AL. ALLOY SHEET	47A10 (COND T) ALLOY 24ST	NONE	NONE	VOLK 3-19-36	[illegible] 9-9-36	MILLER	LADDEN

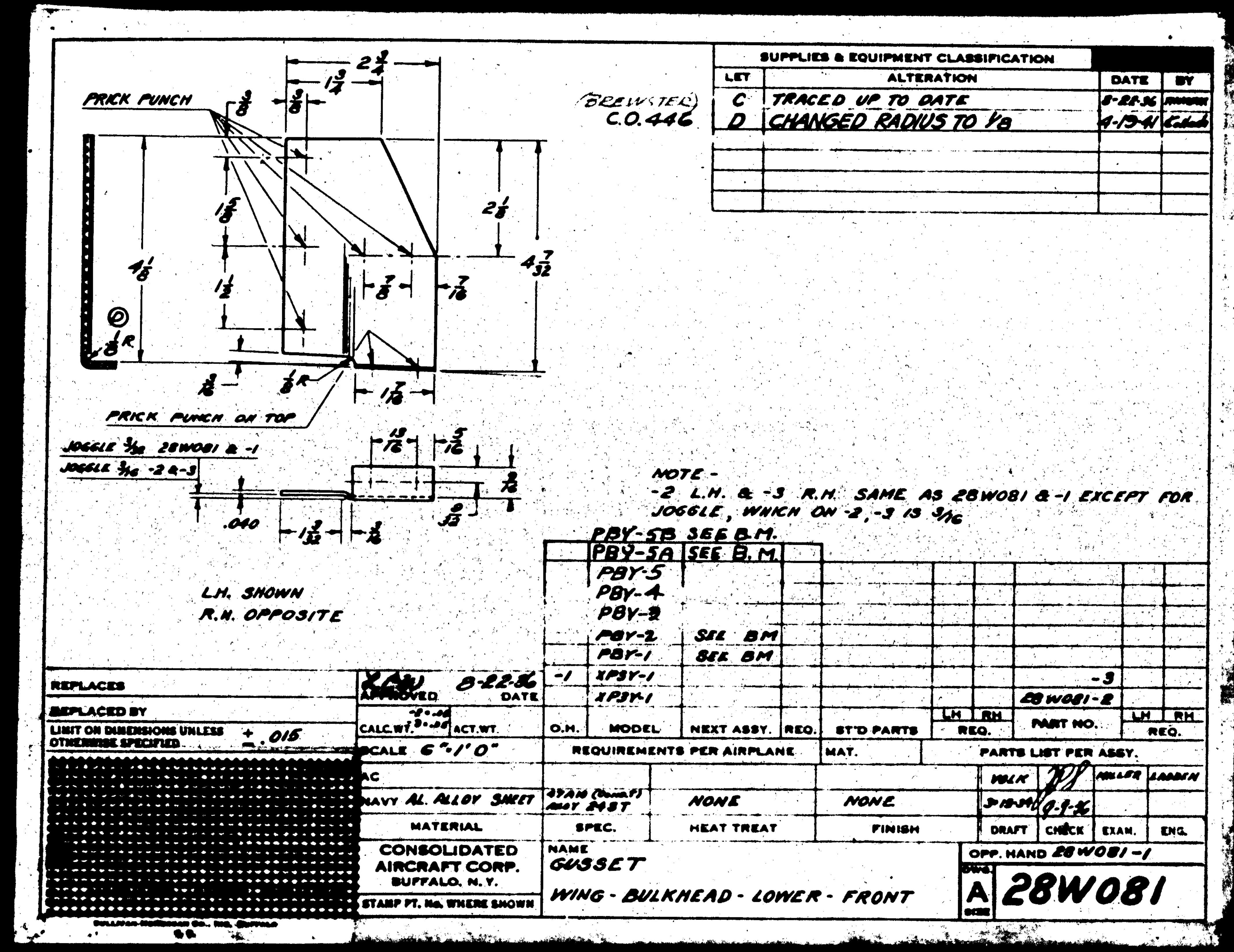
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

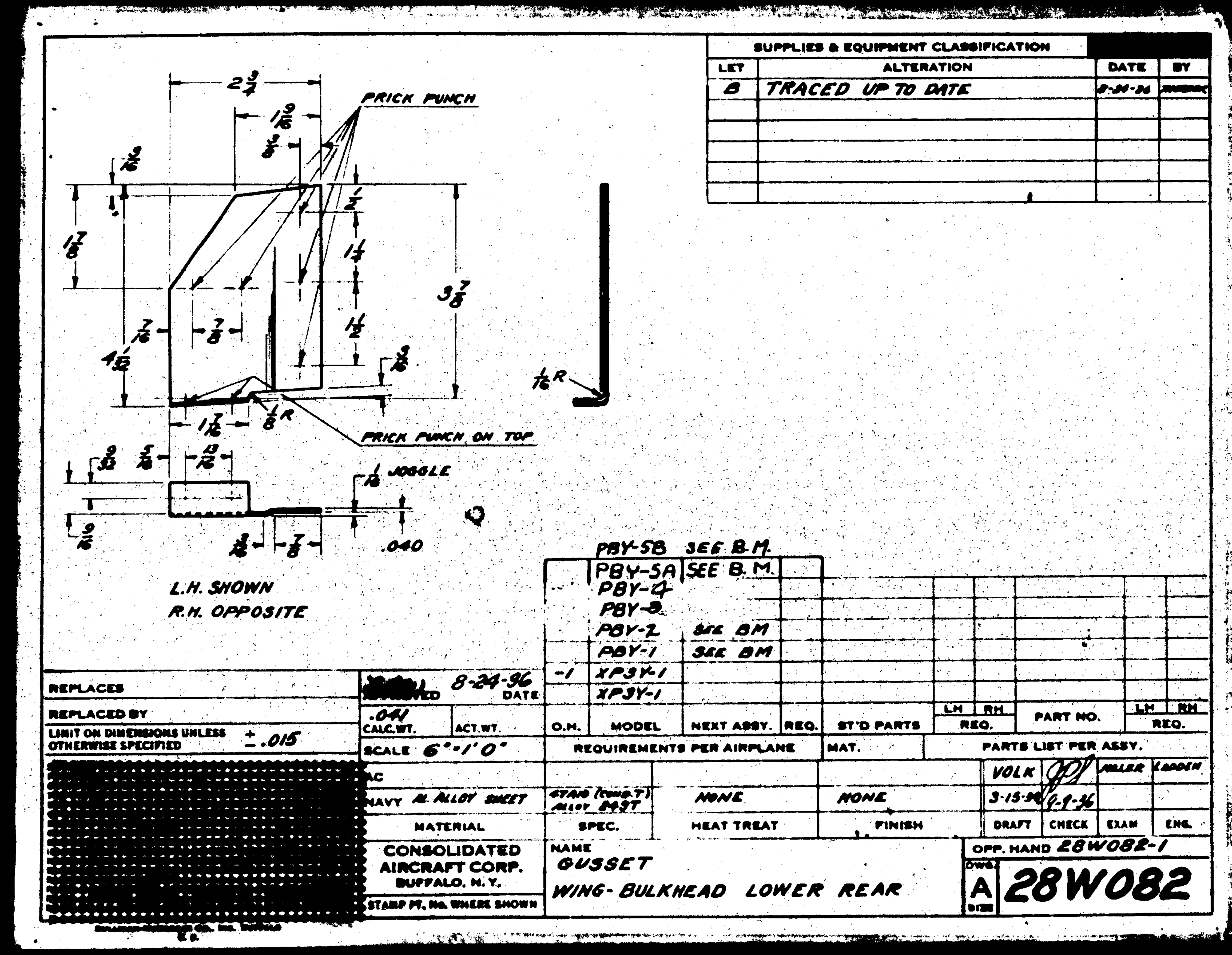
NAME GUSSET - WING - BULKHEAD LOWER FRONT SKIN

OPP. HAND —

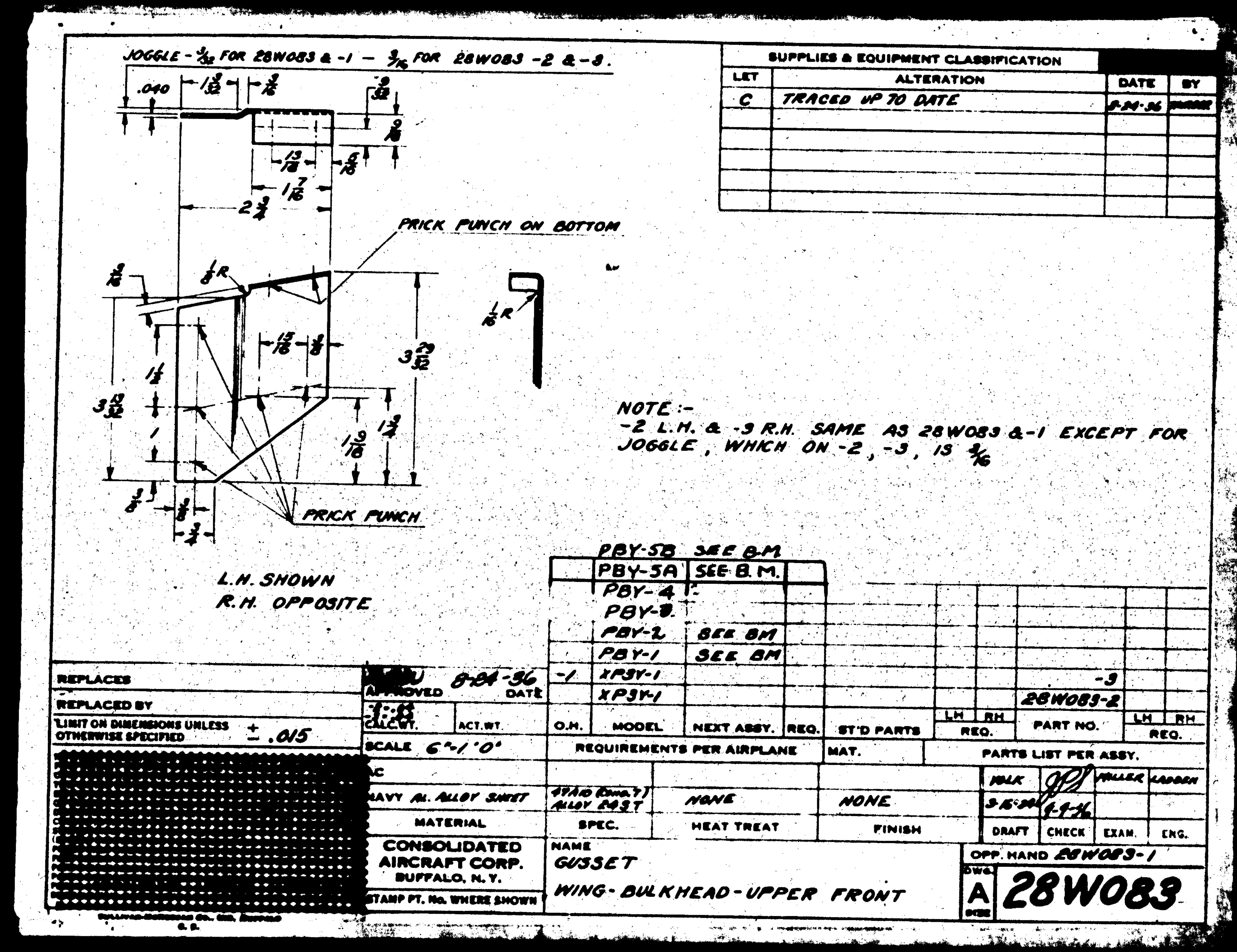
DWG. SIZE A 28W080

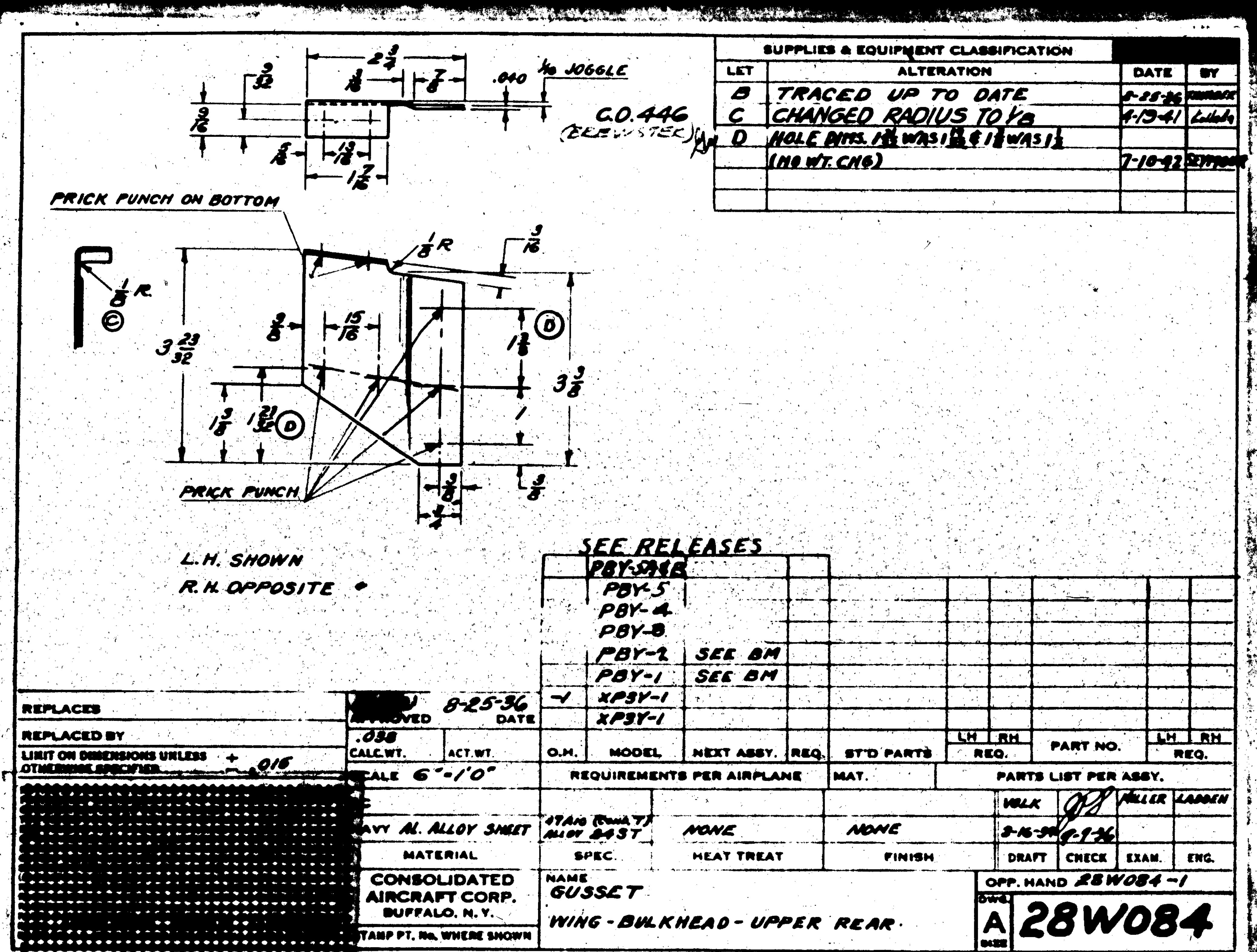


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C | TRACED UP TO DATE | 8-22-36
D | CHANGED RADIUS TO 1/8 | 4-19-41
(BREWSTER) C.O. 446
PRICK PUNCH
PRICK PUNCH ON TOP
JOGGLE 3/32 28W081 & -1
JOGGLE 3/16 -2 & -3
.040
NOTE -
-2 L.H. & -3 R.H. SAME AS 28W081 & -1 EXCEPT FOR JOGGLE, WHICH ON -2, -3 IS 3/16
L.H. SHOWN
R.H. OPPOSITE
PBY-5B SEE B.M.
PBY-5A SEE B.M.
PBY-5
PBY-4
PBY-3
PBY-2 SEE BM
PBY-1 SEE BM
-1 XP3Y-1
XP3Y-1
-3
28W081-2
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
APPROVED 8-22-36 DATE
CALC.WT. ACT.WT.
SCALE 6" = 1'0"
AC
NAVY AL. ALLOY SHEET
AN-A-13 (Cond. F) ALLOY 24ST
NONE
NONE
MATERIAL | SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET
WING - BULKHEAD - LOWER - FRONT
OPP. HAND 28W081-1
DWG. SIZE A
28W081

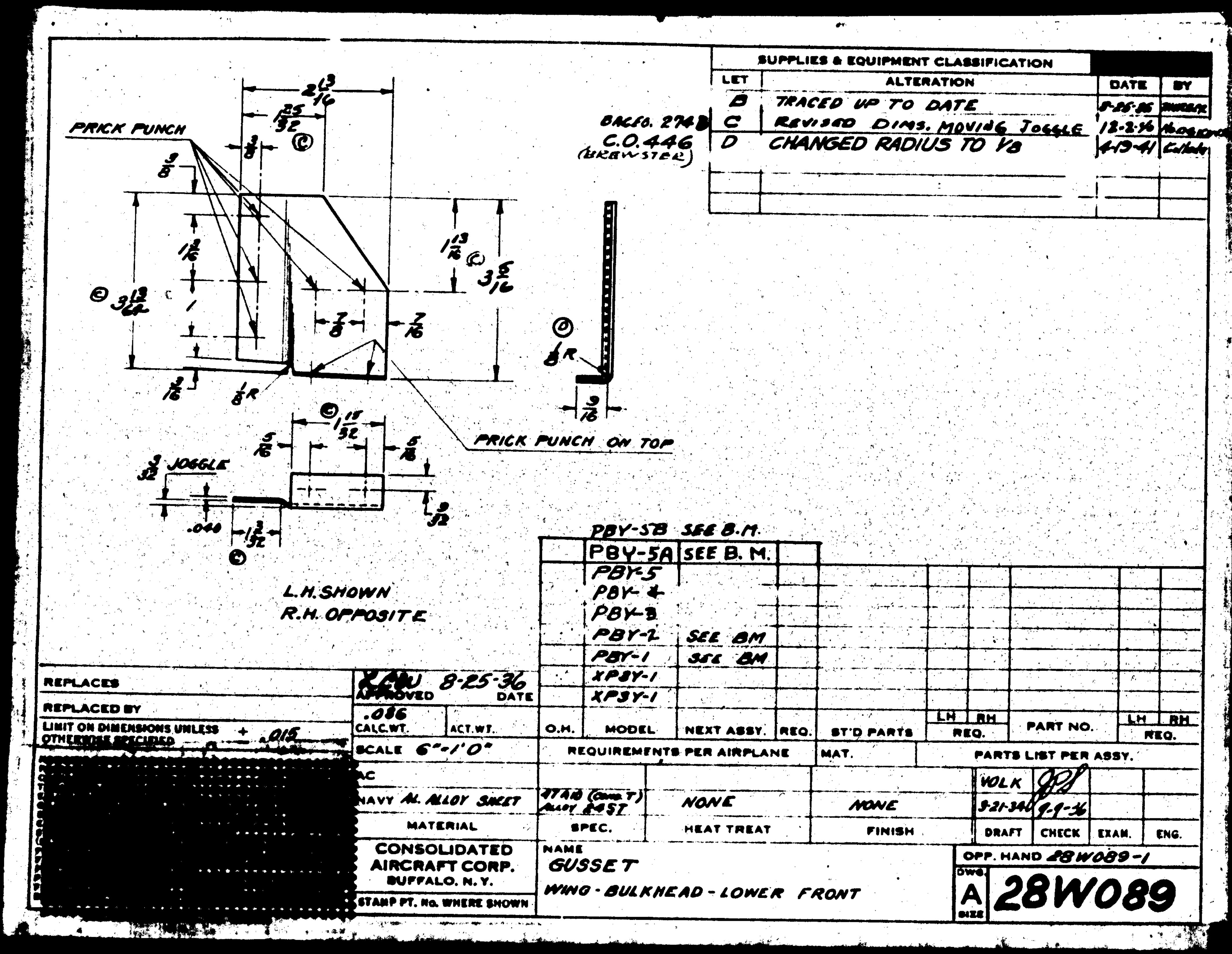


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED UP TO DATE
PRICK PUNCH
PRICK PUNCH ON TOP
JOGGLE
.040
L.H. SHOWN
R.H. OPPOSITE
PBY-5B SEE B.M.
PBY-5A SEE B.M.
PBY-4
PBY-3
PBY-2 SEE BM
PBY-1 SEE BM
-1 XP3Y-1
XP3Y-1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
[redacted]
8-24-36
DATE
.041
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 6"=1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY AL ALLOY SHEET
STAND (COND. T) ALLOY 24ST
NONE
NONE
VOLK
3-15-36
4-9-36
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET
WING-BULKHEAD LOWER REAR
OPP. HAND 28W082-1
DWG. A SIZE
28W082

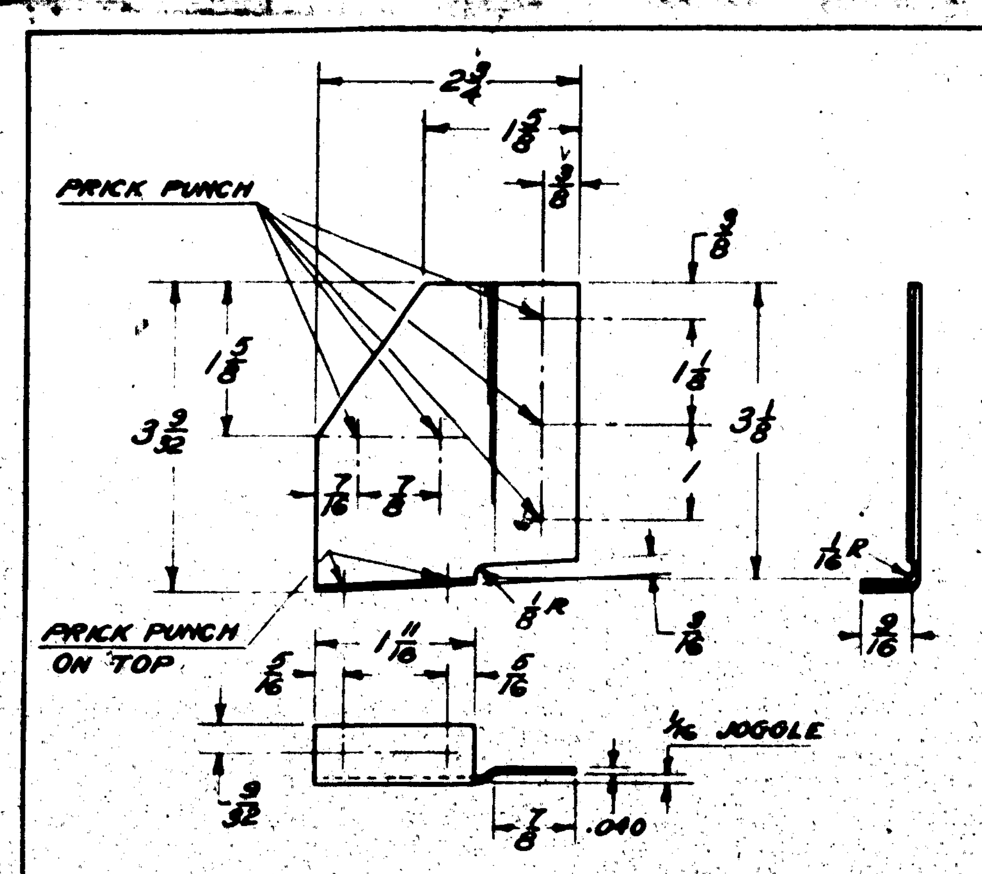

JOGGLE - 3/32 FOR 28W083 & -1 - 3/16 FOR 28W083 -2 & -3.
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
C
TRACED UP TO DATE
8-24-36
.040
1 3/32
9/16
9/32
9/16
13/16
5/16
1 7/16
2 3/4
PRICK PUNCH ON BOTTOM
9/16
1/8 R
1/16 R
15/16
3/8
3 29/32
1 1/2
3 13/32
1
1 9/16
1 3/4
3/8
3/8
3/4
PRICK PUNCH
NOTE :-
-2 L.H. & -3 R.H. SAME AS 28W083 & -1 EXCEPT FOR
JOGGLE, WHICH ON -2, -3, IS 3/16
L.H. SHOWN
R.H. OPPOSITE
PBY-5B SEE B.M.
PBY-5A SEE B.M.
PBY-4
PBY-3
PBY-2 SEE BM
PBY-1 SEE BM
-1 XP3Y-1
XP3Y-1
-3
28W083-2
REPLACES
REPLACED BY
8-24-36
APPROVED
DATE
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 6" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NAVY AL. ALLOY SHEET
47A10 (Cond. T) ALLOY 24ST
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
3-15-36
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET
WING-BULKHEAD-UPPER FRONT
OPP. HAND 28W083-1
DWG. SIZE A
28W083



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED UP TO DATE | 5-25-36
C | CHANGED RADIUS TO 1/8 | 4-19-41
D | HOLE DIMS. 1 3/8 WAS 1 13/32 & 1 3/8 WAS 1 1/2 (NO WT. CHG) | 7-10-42
C.O. 446 (BREWSTER)
1/16 JOGGLE
.040
2 3/4
9/32
3/16
7/8
9/16
5/8
13/16
1 7/16
PRICK PUNCH ON BOTTOM
1/8 R
3/16
1/8 R.
C
3 23/32
9/8
15/16
1 3/8
D
3 3/8
1 3/8
1 21/32
1
3/8
3/8
1/4
PRICK PUNCH
L.H. SHOWN
R.H. OPPOSITE
SEE RELEASES
PBY-5A & B
PBY-5
PBY-4
PBY-3
PBY-2 SEE BM
PBY-1 SEE BM
XP3Y-1
XP3Y-1
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .016
[redacted]
APPROVED 8-25-36 DATE
.036 CALC.WT.
ACT.WT.
SCALE 6"-1'0"
NAVY AL. ALLOY SHEET | 47A10 (COND. T) ALLOY 24ST | NONE | NONE
MATERIAL | SPEC. | HEAT TREAT | FINISH
VOLK | MILLER | LADDEN
8-16-36 | 9-9-36
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME GUSSET
WING - BULKHEAD - UPPER REAR
OPP. HAND 28W084-1
DWG. A SIZE
28W084



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED UP TO DATE
8-25-36
C
REVISED DIMS. MOVING JOGGLE
12-2-36
D
CHANGED RADIUS TO 1/8
4-19-41
C.O. 446
(BREWSTER)
PRICK PUNCH
PRICK PUNCH ON TOP
JOGGLE
.040
L.H. SHOWN
R.H. OPPOSITE
PBY-5B SEE B.M.
PBY-5A SEE B.M.
PBY-5
PBY-4
PBY-3
PBY-2 SEE BM
PBY-1 SEE BM
XPBY-1
XP3Y-1
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
APPROVED 8-25-36 DATE
.086
CALC. WT.
ACT. WT.
SCALE 6"=1'0"
NAVY AL. ALLOY SHEET
MATERIAL
SPEC.
NONE
HEAT TREAT
NONE
FINISH
VOLK
9-21-36
9-9-36
DRAFT
CHECK
EXAM.
ENG.
[redacted]
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET
WING - BULKHEAD - LOWER FRONT
OPP. HAND 28W089-1
DWG. SIZE A
28W089



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	8-25-36	[illegible]

L.H. SHOWN
R.H. OPPOSITE

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	SEE B.M.	
	PBY-5A	SEE B.M.	
	PBY-4		
	PBY-3		
	PBY-2	SEE BM	
	PBY-1	SEE BM	
-1	XP3Y-1		
	XP3Y-1		

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015

[redacted]

KCDU 8-25-36
APPROVED DATE

.037
CALC. WT. ACT. WT.

SCALE 6" = 1'0"

MAT.

				VOLK	[signature]	HMP	LARSEN
NAVY AL. ALLOY SHEET	47A10 (COND. T) ALLOY 24ST	NONE	NONE	3-21-34	9-9-36	4-3-34	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

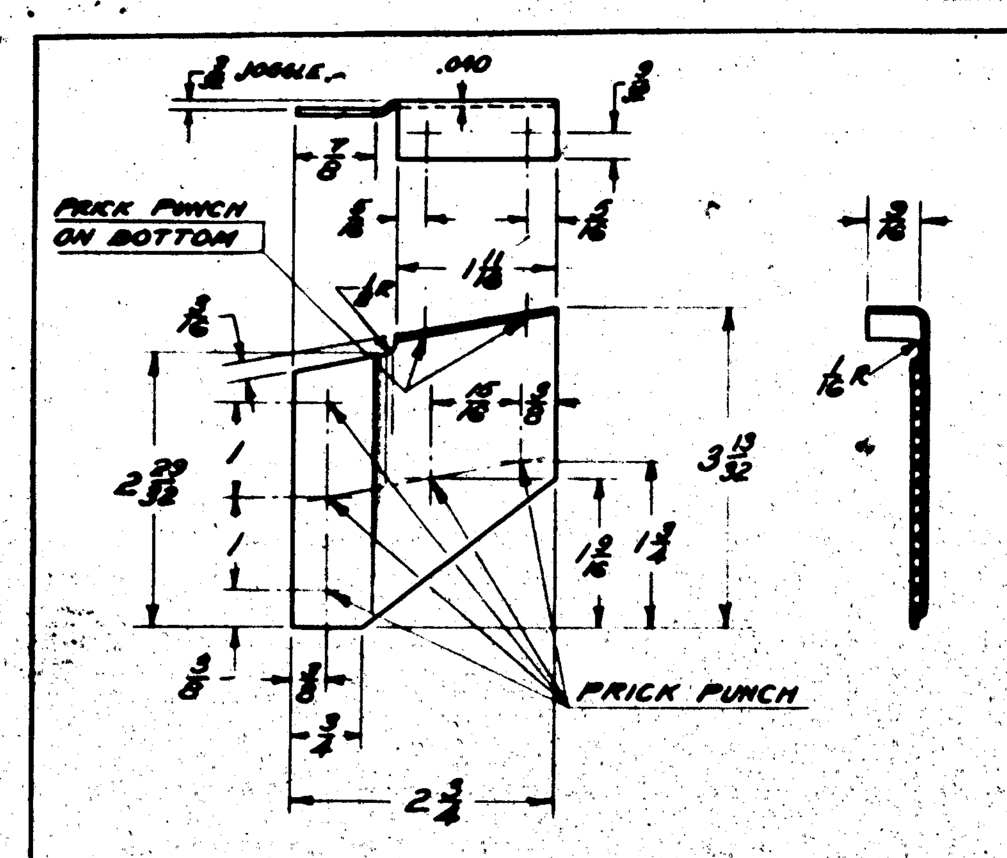
STAMP PT. No. WHERE SHOWN

NAME
GUSSET
WING - BULKHEAD - LOWER - REAR

OPP. HAND 28W090-1

DWG. SIZE A 28W090

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	8-25-36	[illegible]



L.H. SHOWN
R.H. OPPOSITE

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	SEE B.M.	
	PBY-5A	SEE B.M.	
	PBY-4		
	PBY-3		
	PBY-2	SEE B/M	
	PBY-1	SEE B/M	
-1	XP3Y-1		
	XP3Y-1		

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015

[illegible] 8-25-36
APPROVED DATE

CALC. WT. .038 — ACT. WT.

SCALE 6"-1'0"

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC			
NAVY AL. ALLOY SHEET	STAN (Cond. T) ALLOY 24ST	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
VOLK	[illegible]	NMP	LADDEN
3-21-34	9-9-36	4-3-34	

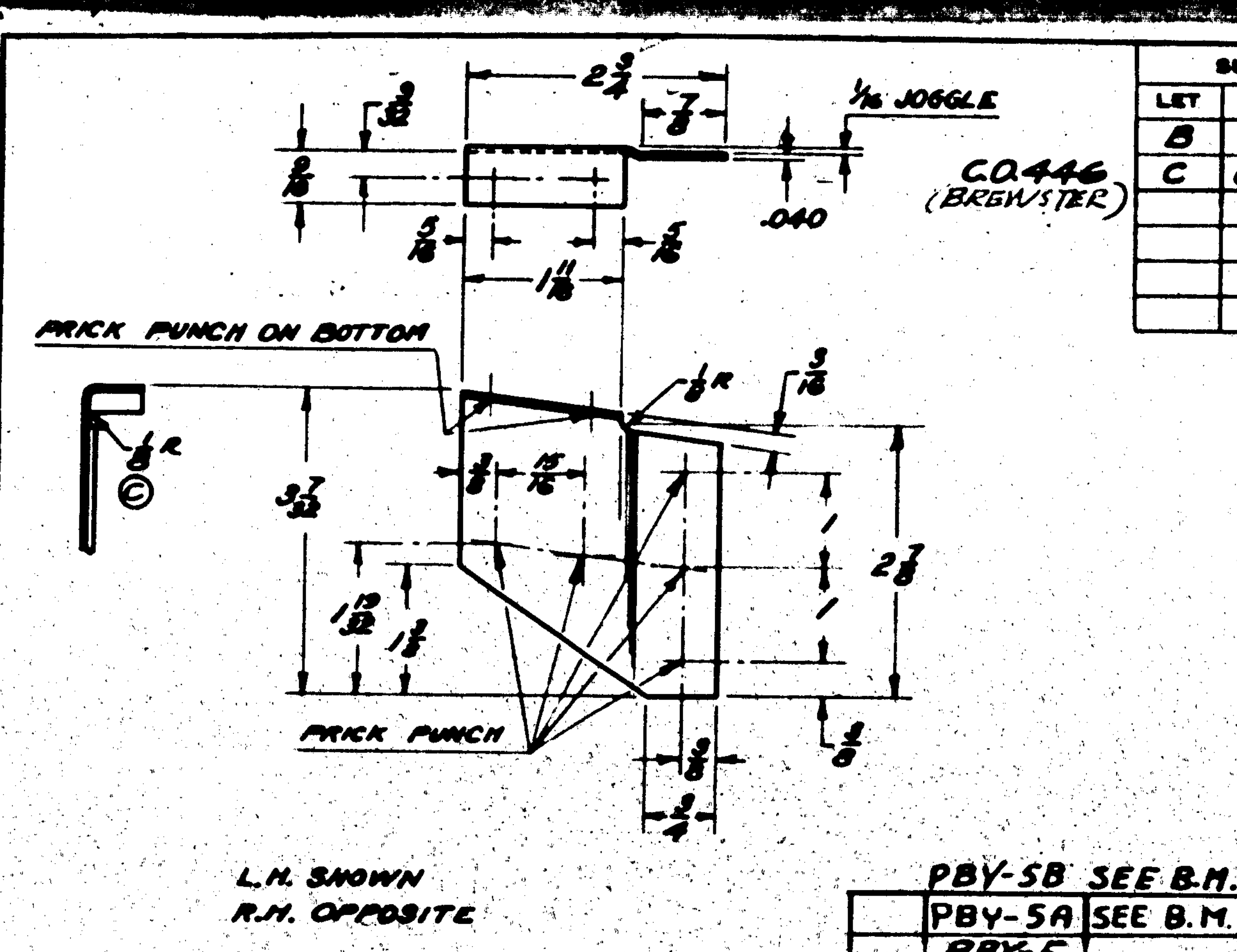
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME
GUSSET
WING - BULKHEAD - UPPER FRONT

OPP. HAND 28W091-1

DWG. SIZE A 28W091



C.O.446 (BREWSTER)

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	8-25-36	[illegible]
C	CHANGED RADIUS TO 1/8	4-19-41	[illegible]

L.H. SHOWN
R.H. OPPOSITE

PBY-5B SEE B.M.

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	SEE B.M.	
	PBY-5		
	PBY-4		
	PBY-3		
	PBY-2	SEE B/M	
	PBY-1	SEE B/M	
-1	XP3Y-1		
	XP3Y-1		

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015

APPROVED [illegible] DATE 8-25-36

CALC. WT. .033 | ACT. WT.

SCALE 6" = 1'0"

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY AL. ALLOY SHEET	17ALC (Temp. T) Alloy 24-T	NONE	NONE	VOLK 8-25-36	[illegible] 6-9-36	HMP 4-8-36	LARSEN

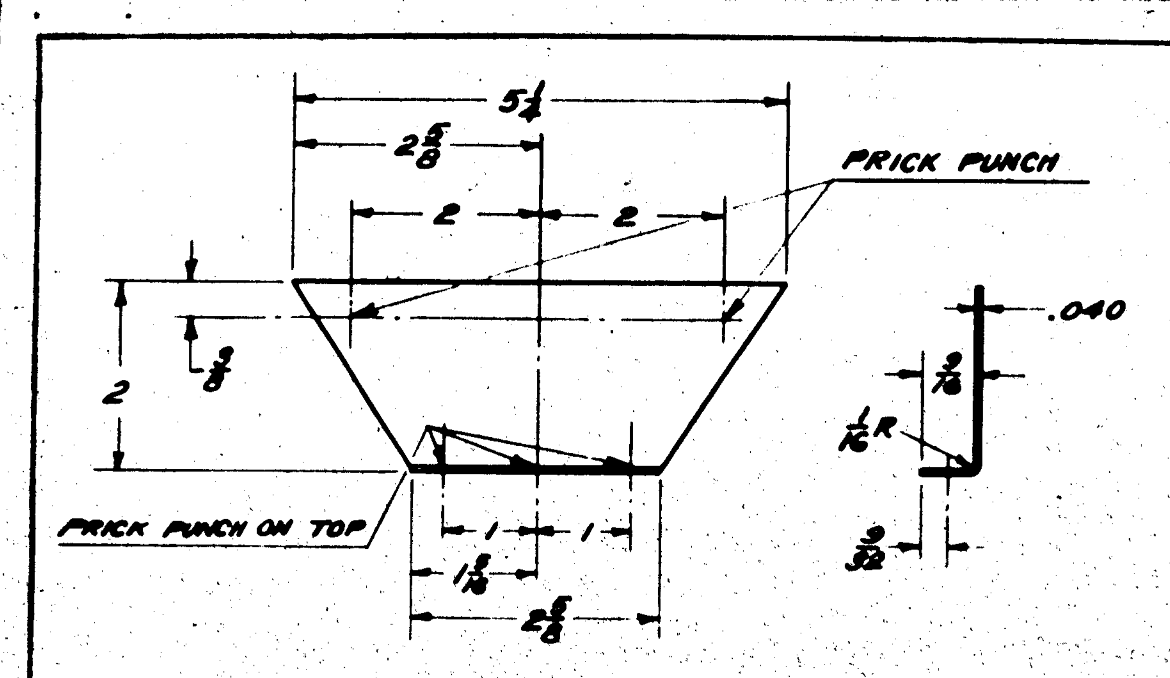
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME
GUSSET
WING-BULKHEAD-UPPER REAR

OPP. HAND 28W092-1

DWG. SIZE A 28W092



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	8-25-36	[illegible]

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	SEE B.M.							
	PBY-5A	SEE B.M.							
	PBY-4								
	PBY-3								
	PBY-2								
	PBY-1	SEE BM							
	XP3Y-1								

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015

[redacted]

APPROVED [illegible] DATE 8-25-36

CALC. WT .039 — ACT. WT

SCALE 6"-1'0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY AL. ALLOY SHEET	[illegible] ALLOY 24 ST	SR-53	NONE

DRAFT	CHECK	EXAM.	ENG.
VOLK 8-21-34	[illegible] 9-9-36	NWP 4-3-34	LARSEN

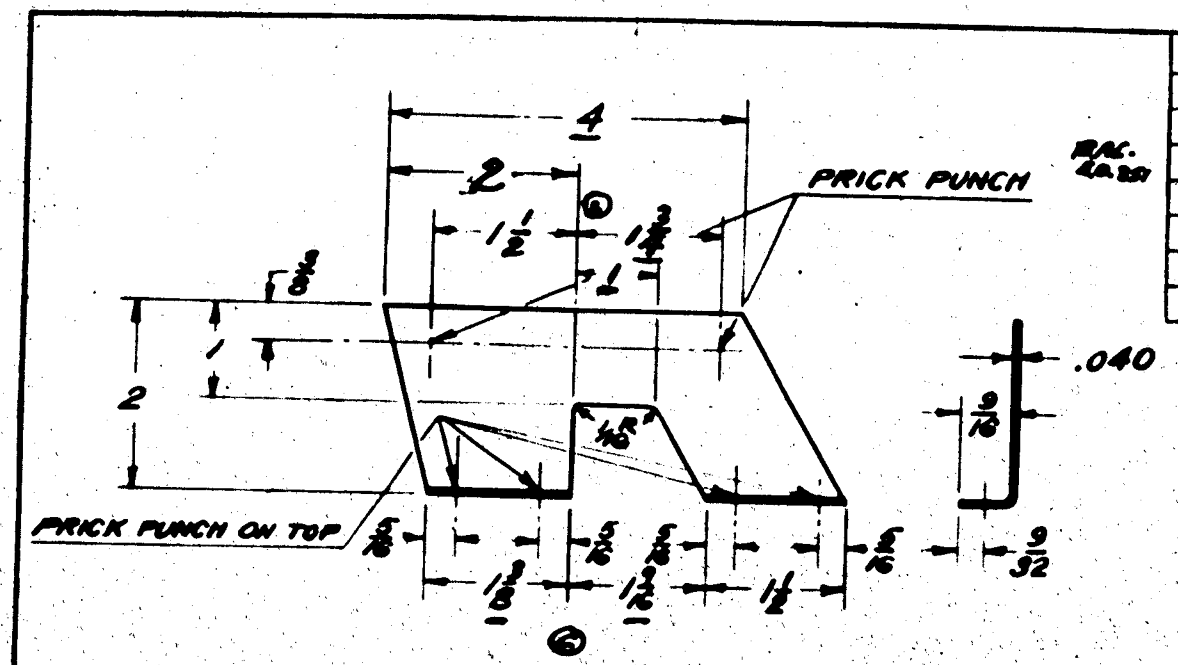
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: GUSSET WING-BULKHEAD-LOWER FRONT SKIN

OPP. HAND

DWG. SIZE A 28W093



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	8-27-36	Thurs
C	1 3/8 was 1 1/2 ; 1 9/16 was 1 7/16	12-2-40	
	2 was 2 1/8 ; 1 1/2 was 1 5/8 ; 1 3/16 was 1 5/16 ; 1 was 7/8		

L.H. SHOWN
R.H. OPPOSITE

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	SEE B.M.	
	PBY-5		
	PBY-4		
	PBY-3		
	PBY-2	SEE BM	
	PBY-1	SEE BM	
-1	XP3Y-1		
	XP3Y-1		
	PBY-5A	SEE B M	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015

APPROVED 8-27-36 DATE

.028 CALC. WT. — ACT. WT.

SCALE 6" - 1'0"

AC

NAVY AL. ALLOY SHEET — MATERIAL

STAND DWG. 7) ALLOY 24 ST — SPEC.

NONE — HEAT TREAT

NONE — FINISH

DRAFT	CHECK	EXAM.	ENG.
VOLK		HMP	LARSEN
3-21-34	9-9-36	4-5-34	

[redacted]

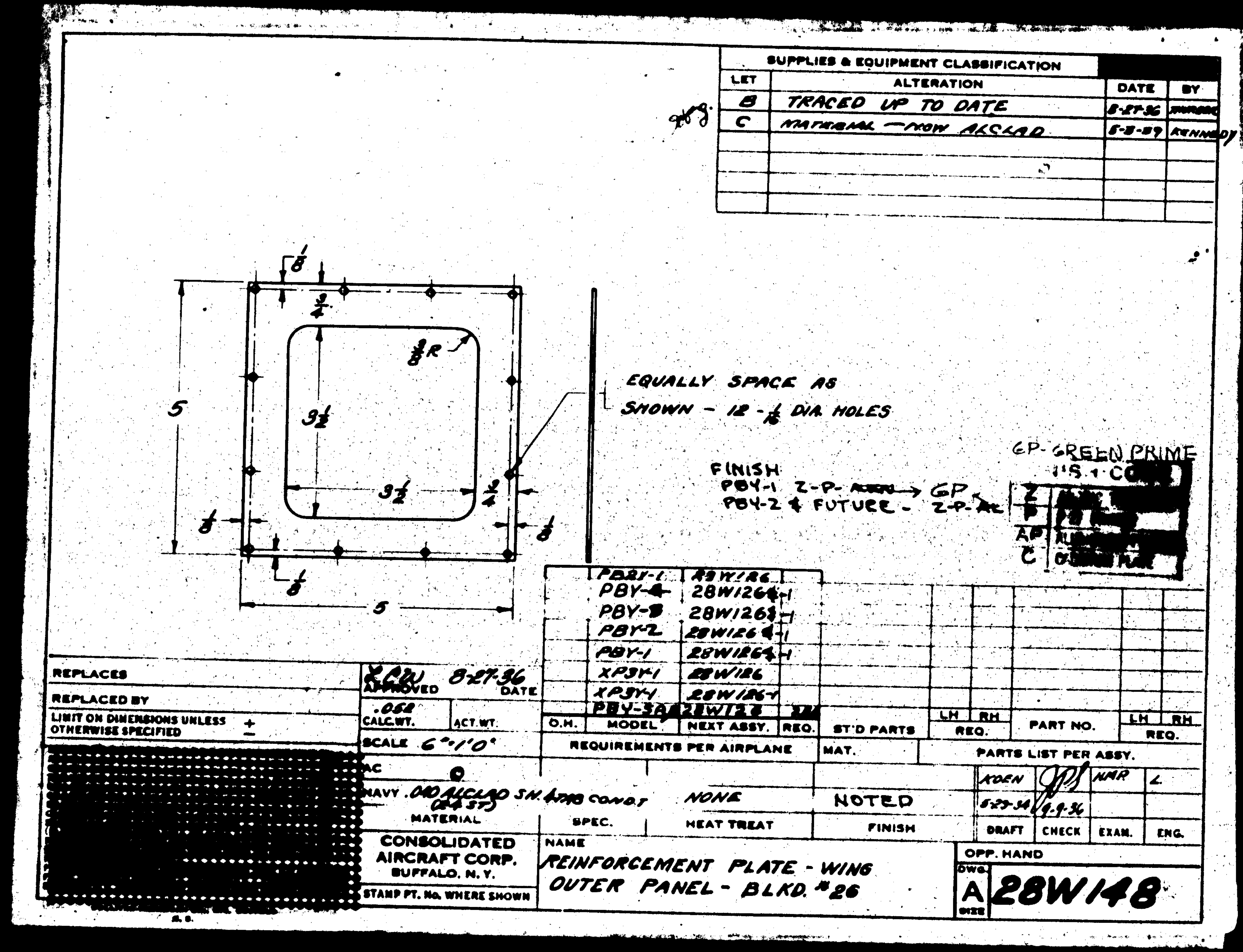
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

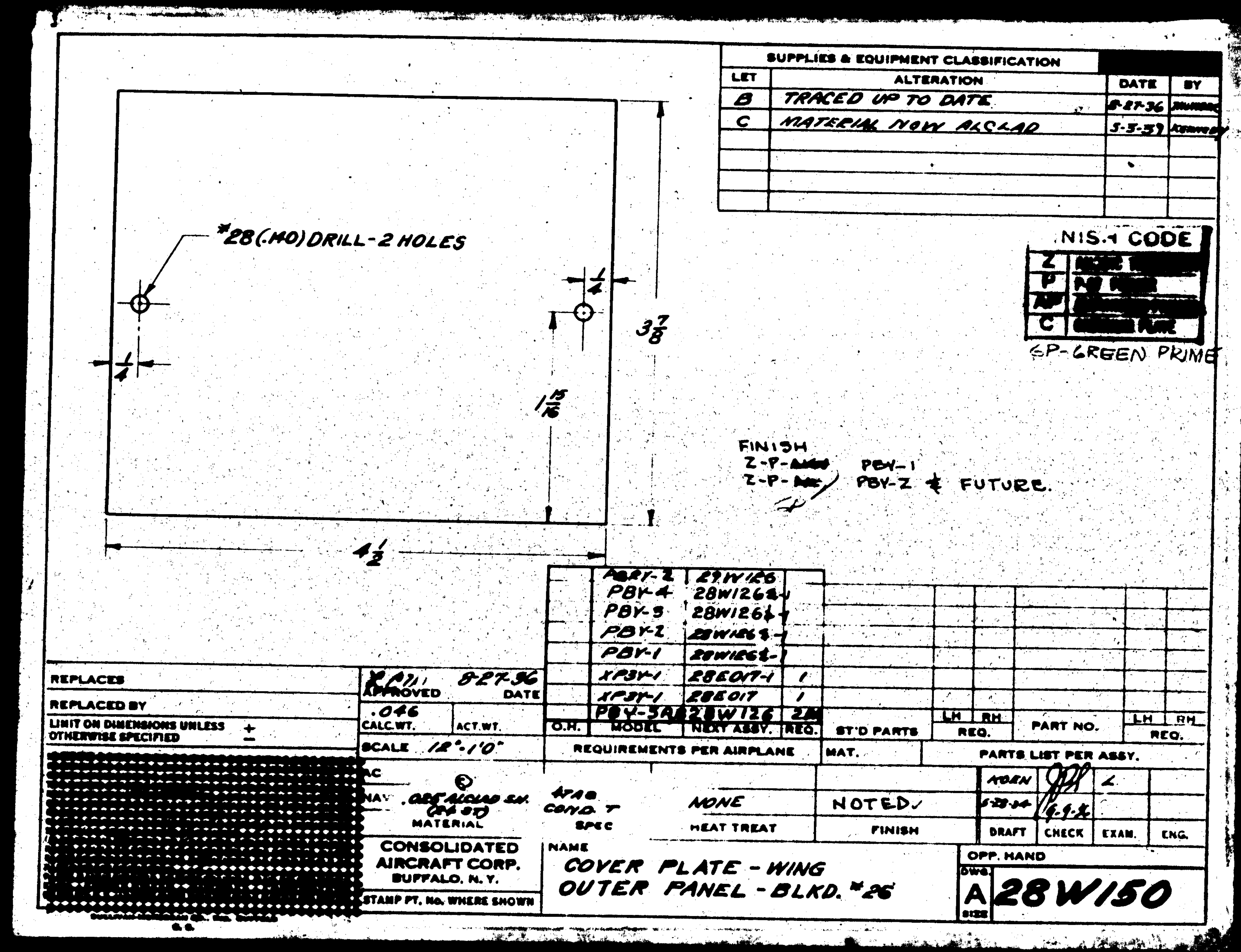
NAME
GUSSET
WING-BULKHEAD-LOWER REAR SKIN

OPP. HAND 28W094-1

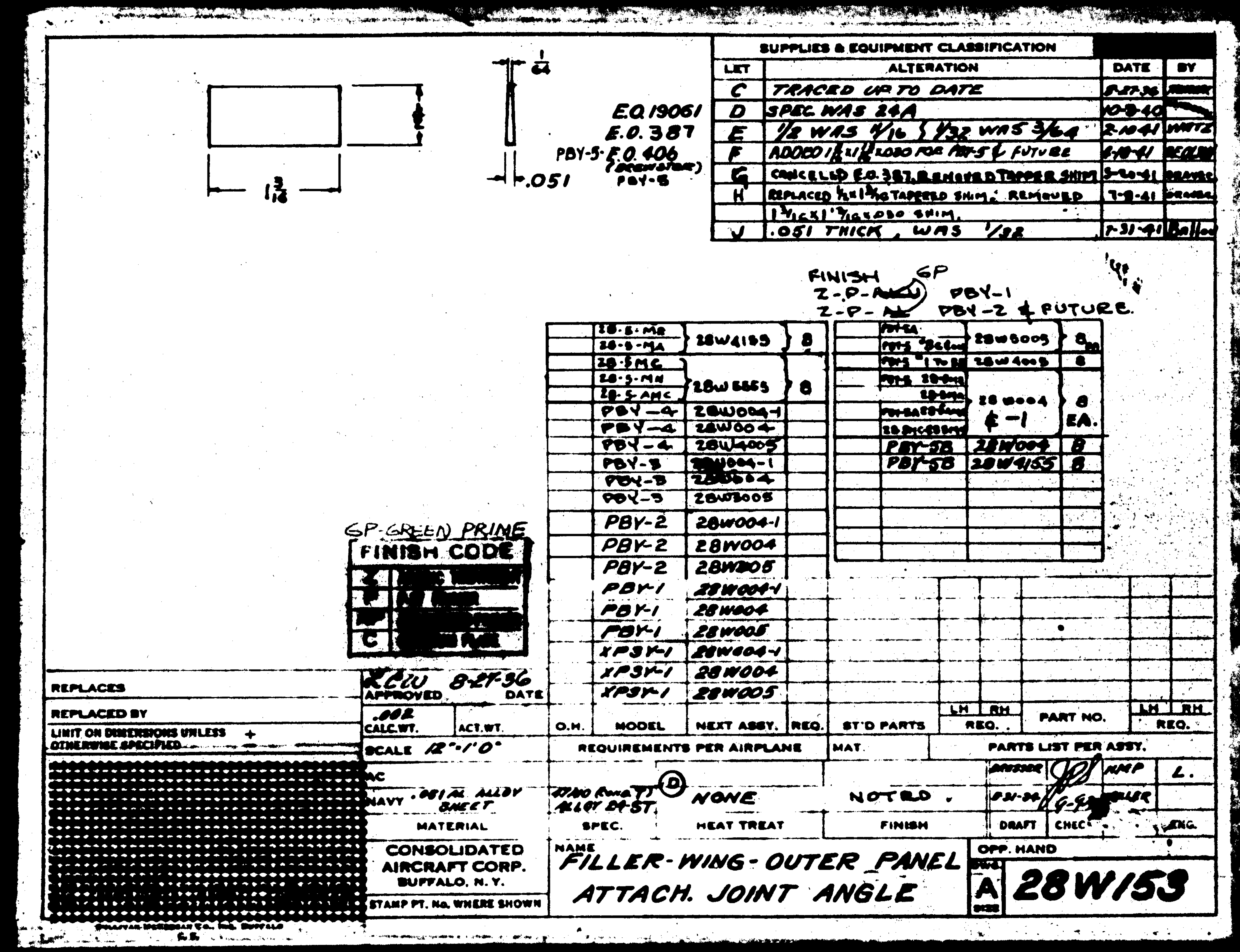
DWG. SIZE A 28W094



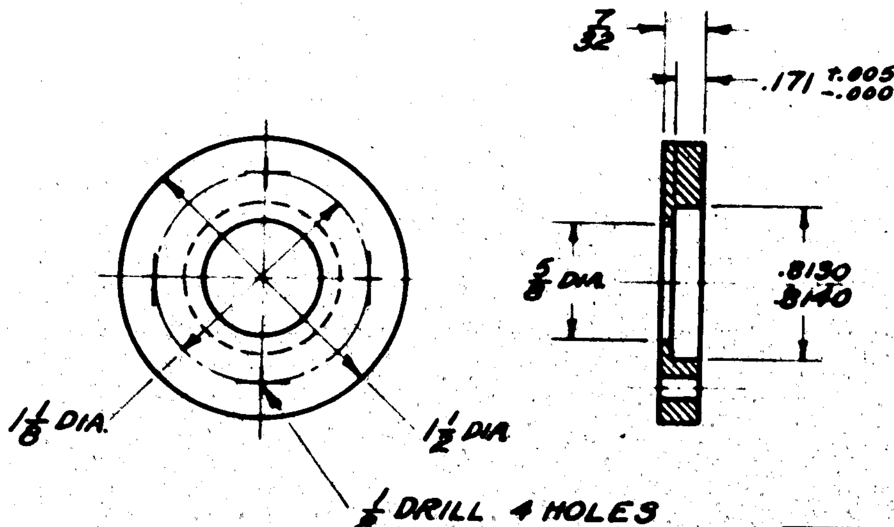
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED UP TO DATE
8-27-36
C
MATERIAL - NOW ALCLAD
5-3-39
KENNEDY
EQUALLY SPACE AS
SHOWN - 12 - 1/16 DIA. HOLES
5
3 1/2
3/8 R
FINISH
PBY-1 Z-P- → GP
PBY-2 & FUTURE - Z-P-
GP- GREEN PRIME
Z
P
AP
C
PBY-1 28W126
PBY-4 28W126 1
PBY-3 28W126 1
PBY-2 28W126 1
PBY-1 28W126 1
XP3Y-1 28W126
XP3Y-1 28W126-1
PBY-5A 28W123
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED 8-27-36 DATE
.062 CALC. WT.
ACT. WT.
SCALE 6"=1'0"
AC
NAVY .040 ALCLAD (24 ST) SN. 4708 COND. T
MATERIAL
NONE
SPEC.
HEAT TREAT
NOTED
FINISH
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
KOEN
5-23-36
9-9-36
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
REINFORCEMENT PLATE - WING OUTER PANEL - BLKD. #26
OPP. HAND
DWG. SIZE A
28W148



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED UP TO DATE | 8-27-36
C | MATERIAL NOW ALCLAD | 5-5-39
*28(.140) DRILL - 2 HOLES
1/4
1/4
3 7/8
1 15/16
4 1/2
NIS.4 CODE
Z [redacted]
P [redacted]
[redacted]
C [redacted]
GP-GREEN PRIME
FINISH
Z-P-[redacted] PBY-1
Z-P-[redacted] PBY-2 & FUTURE.
PBY-2 | 29W126
PBY-4 | 28W126
PBY-5 | 28W126
PBY-2 | 28W126
PBY-1 | 28W126
XP3Y-1 | 28E017-1 | 1
XP3Y-1 | 28E017 | 1
PBY-5A | 28W126 | 2
O.H. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
APPROVED 8-27-36 DATE
.046 CALC.WT.
ACT.WT.
SCALE 12"-1'0"
AC
NAV
MATERIAL
SPEC
NONE
HEAT TREAT
NOTED
FINISH
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
COVER PLATE - WING
OUTER PANEL - BLKD. #26
OPP. HAND
DWG. SIZE A
28W150
[redacted]


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C TRACED UP TO DATE
D SPEC. WAS 24A
E 1/2 WAS 9/16 & 1/32 WAS 3/64
F ADDED 1 1/2 x 1 1/2 x .050 FOR PBY-5 & FUTURE
G CANCELLED E.O. 387, REMOVED TAPPER SHIM
H REPLACED 1/2 x 1 1/2 x TAPERED SHIM. REMOVED 1 3/16 x 1 3/16 x .050 SHIM.
J .051 THICK, WAS 1/32
E.O. 19061
E.O. 387
PBY-5 E.O. 406
PBY-5
1 3/16
1/64
.051
FINISH GP
Z-P- PBY-1
Z-P- PBY-2 & FUTURE
PBY-4 28W004-1
PBY-4 28W004
PBY-4 28W4005
PBY-3 28W004-1
PBY-3 28W004
PBY-3 28W3005
PBY-2 28W004-1
PBY-2 28W004
PBY-2 28W005
PBY-1 28W004-1
PBY-1 28W004
PBY-1 28W005
XP3Y-1 28W004-1
XP3Y-1 28W004
XP3Y-1 28W005
28W4155 8
28W5555 8
28W5005 8
28W4005 8
28W004 & -1 8 EA.
PBY-5B 28W004 8
PBY-5B 28W4155 8
GP-GREEN PRIME
FINISH CODE
C
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
8-27-36
APPROVED DATE
.002 CALC. WT.
ACT. WT.
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 12"-1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY .051 AL. ALLOY SHEET
ALLOY 24-ST
NONE
NOTED.
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
FILLER-WING-OUTER PANEL
ATTACH. JOINT ANGLE
OPP. HAND
A
SIZE
28W153

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED UP TO DATE	8-28-36	[illegible]



FINISH GP
Z-P-[illegible] - PBY-1
Z-P-[illegible] - PBY-2 & FUTURE

GP-GREEN PRIME

FINISH CODE	
Z	[illegible]
P	[illegible]
A	[illegible]
C	[illegible]

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28W1049	2
	PBY-4	28W1049	1
	PBY-3	28W1049	1
	PBY-2	28W1049	1
	PBY-1	28W1049	1
	XP3Y-1	28W023-1	
	XP3Y-1	28W023	
	XP3Y-1	28W021-1	
	XP3Y-1	28W021	
	PBY-5A	28W1049	2

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
MAT.			PARTS LIST PER ASSY.		

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED X C(71) DATE 8-28-36

CALC. WT. .029 ACT. WT.

SCALE 12"=1'0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY AL. ALLOY SHEET	47A10 COND. T	NONE	NOTED.

DRAFT	CHECK	EXAM.	ENG.
DUBECK	[illegible]	HMP	
7-27-36	9-4-36	8-5-36	

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

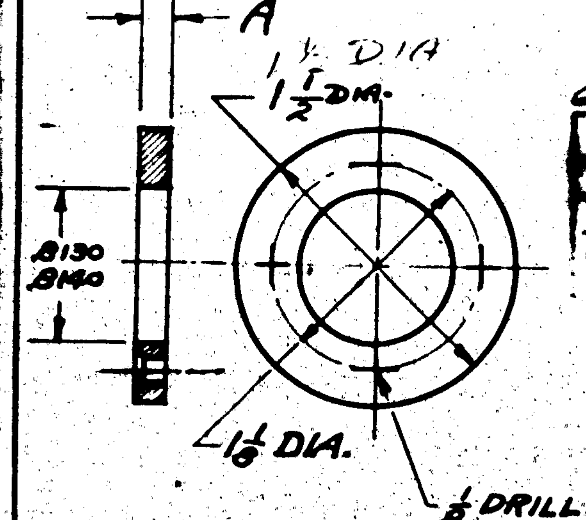
NAME
PLATE - WING - AILERON HINGE
STA. #1 - BEARING RETAINING

OPP. HAND

DWG. A 28W177

PART NO.	DIM. "A"
28W178-6	5/32
28W178-7	1/8

SUPPLIES & EQUIPMENT CLASSIFICATION			[redacted]
LET	ALTERATION	DATE	BY
D	TRACED UP TO DATE	8-25-36	[illegible]
E	ADDED DIM. "A" AND TABLE		
	CREATING -6 & -7. W.T.CHNG. NEG.	6-16-[illegible]	[illegible]



GP-GREEN PRIME
[redacted]

ALL SHIPS PRIOR TO CONT #88476 SHIP #58

ALL SHIPS PRIOR TO CONT. 91876 SHIP #91

FINISH GP
Z-P-[illegible] FOR PBY-1
Z-P-[illegible] FOR PBY-2 & FUTURE

O.H.	MODEL	NEXT ASSY.	REQ.
-6	28-5MN	28W021	8
-6	28-5MN	28W176	4
-6	28-5MG	28W021	8
-6	28-5ME	28W176	4
-6	28-5MC	28W021	8
-6	28-5MC	28W176	4
-6	28-5MA	28W021	8
-6	28-5MA	28W176	4
-6	PBY-5A	28W021	8
-6	PBY-5A	28W176	4
-6	PBY-5	28W021	8
-6	PBY-5	28W176	4
-6	PBY-4	28W021	8
-6	PBY-4	28W176	4
-6	PBY-3	28W021	8
-6	PBY-3	28W176	4
-6	PBY-2	28W021	8
-6	PBY-2	28W176	4
-6	PBY-1	28W021	8
-6	PBY-1	28W176	4
-6	XP3Y-1	28W021	8
-6	XP3Y-1	28W176	4

REQUIREMENTS PER AIRPLANE

O.H.	MODEL	NEXT ASSY.	REQ.	
-7	PBY-5B	28W021	8	CONT. 88477 SHIP #101 ON
-7	PBY-5A	28W021	8	CONT 88476 SHIP #58 ON
-7	PBY-5	28W021	8	CONT 91876 SHIP #91 ON
-6	28-5AMN	28W021	8	
-6	28-5AMN	28W176	4	
-6	PBY-5B	28W021	8	SHIPS #1-[illegible] INCL
-6	PBY-5B	28W176	4	
-6	28-5AMC	28W021	8	
-6	28-5AMC	28W176	4	

REQ. PER AIRPLANE

REPLACES		APPROVED	DATE
REPLACED BY		[illegible]	8-28-36
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .010	CALC. WT. .027	ACT. WT.
		SCALE 12"-1'0"	

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. — PARTS LIST [illegible] ASSY.

[redacted]

AC				DRAFT	CHECK	EXAM.	ENG.
NAVY	AL. ALLOY BAR STOCK	COND. T	NONE	NOTED.	[illegible] 8-27-36	9-4-36	9-5-36
MATERIAL		SPEC.	HEAT TREAT	FINISH			

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

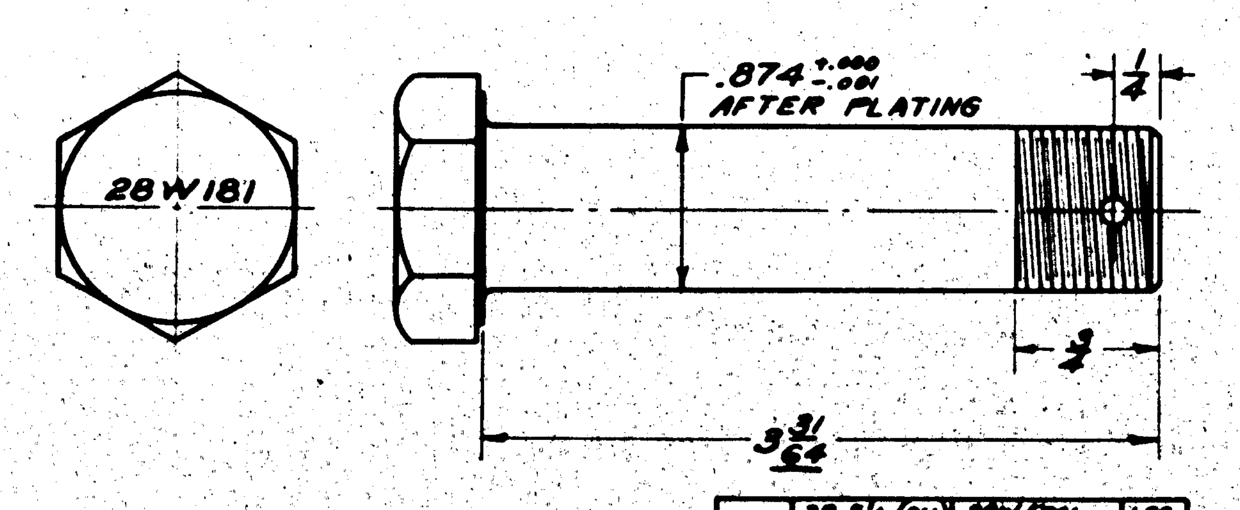
STAMP PT. No. WHERE SHOWN

NAME
PLATE - WING - AILERON HINGE
STA. 4, 7, 10 BEARING

OPP. HAND

DWG. SIZE A — 28W178

LET	ALTERATION	DATE	BY
SUPPLIES & EQUIPMENT CLASSIFICATION			
D	TRACED UP TO DATE	8-28-36	[illegible]
E	IN B/M REPLACED SPEC. "46323" WITH		"
	"AN-QQ-S-684" & H.T. "NAF SH-27-3"		
	WITH "145,000 TO 170,000#/□" BRO'T		
	880/AIR TO DATE. NO WT CHG	6-10-43	[illegible]



NOTE:
SAME DIMENSIONS & LIMITS AS AN 14 BOLT UNLESS OTHERWISE NOTED

NOTE: 3 31/64 DIM. WAS 3 9/16 ON XP3Y-1 ONLY.

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5A (ALL)	28W5001	1 EA.
	PBY-5	28W4001	1
	PBY-5A	28W4001	1
	PBY-4	28W4001	
	PBY-3	28W3001	
	PBY-2	28W2001	
	PBY-1	28W001	
	XP3Y-1	28W001	
	PBY-5B	28W5001	1

REQUIREMENTS PER AIRPLANE

ST'D PARTS — LH / RH REQ. — PART NO. — LH / RH REQ. — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

XPBY APPROVED 8-28-36 DATE

.76 CALC. WT. — ACT. WT.

SCALE 12" = 1'0"

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY C.H. STEEL 1¼ HEX.	AN-QQ-S-684	145,000 TO 170,000#/□"	C		8-28-36	NMP	L

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME
BOLT - WING - CENTER ATTACHING - REAR

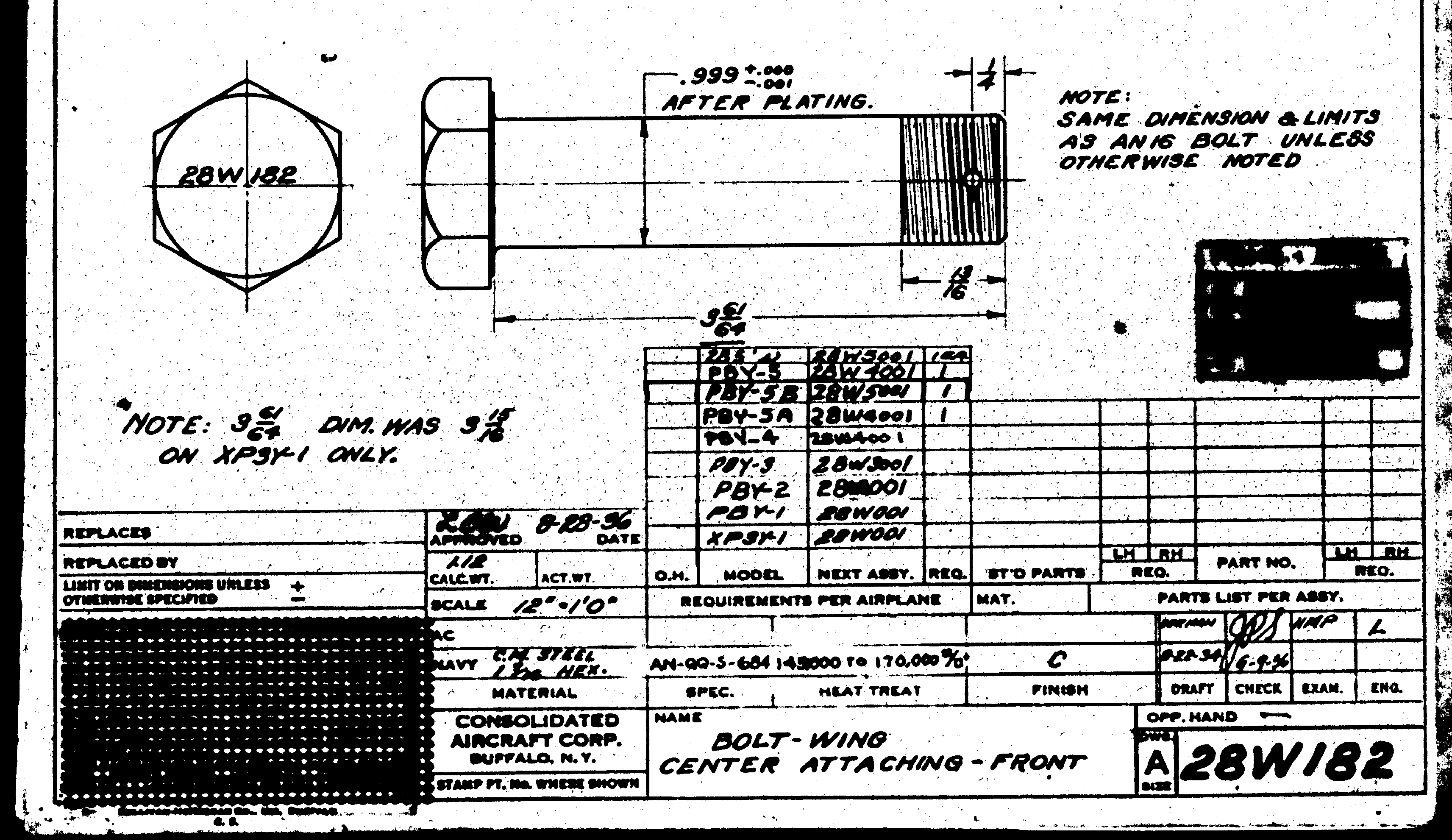
OPP. HAND —

DWG. SIZE A

28W181

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
D	TRACED UP TO DATE	8-28-36	[illegible]
E	IN B/M REPLACED "46323" WITH "AN-QQ-S-684" & H.T. "NAF 3H-27-3" WITH "145,000 TO 170,000 #/□". NO WT CHG	6-1-43	[illegible]



[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.
	[illegible]	28W5001	1 EA
	PBY-5	28W4001	1
	PBY-5B	28W5001	1
	PBY-5A	28W6001	1
	PBY-4	28W4001	
	PBY-3	28W3001	
	PBY-2	28[illegible]001	
	PBY-1	28W001	
	XP3Y-1	28W001	

ST'D PARTS — LH / RH REQ. — PART NO. — LH / RH REQ.

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED +/−

[redacted]

APPROVED: 28W — DATE: 8-28-36

CALC. WT.: 1/12 — ACT. WT.

SCALE: 12" = 1'0"

AC

NAVY: C.H. STEEL 1 1/16 HEX.

MATERIAL	SPEC.	HEAT TREAT	FINISH
C.H. STEEL 1 1/16 HEX.	AN-QQ-S-684	145,000 TO 170,000 #/□"	C

DRAFT	CHECK	EXAM.	ENG.
8-28-36	6-9-36	WMP	L

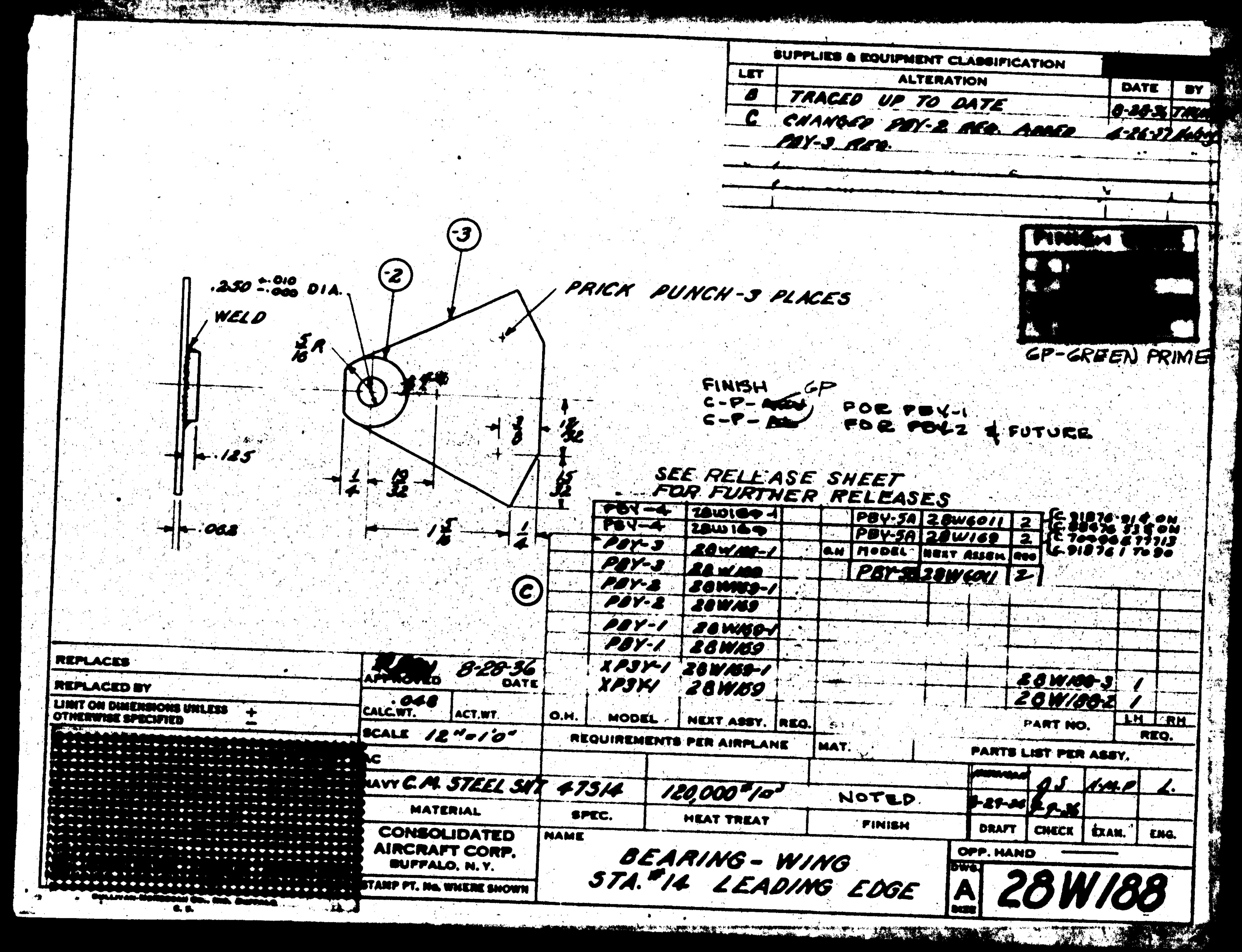
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: BOLT - WING CENTER ATTACHING - FRONT

OPP. HAND —

DWG. SIZE A — 28W182



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED UP TO DATE
C
CHANGED PBY-2 REQ. ADDED PBY-3 REQ.
-3
-2
.250 +.010 -.000 DIA.
PRICK PUNCH-3 PLACES
WELD
5/16 R
.125
.068
1/4
10/32
1 5/16
1/4
3/8
13/32
15/32
GP-GREEN PRIME
FINISH
C-P- GP FOR PBY-1
C-P- FOR PBY-2 & FUTURE
SEE RELEASE SHEET FOR FURTHER RELEASES
PBY-4
PBY-3
PBY-2
PBY-1
XP3Y-1
PBY-5A
28W6011
28W169
MODEL
NEXT ASSEM.
REQ.
C
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
8-28-36
DATE
.048
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
28W188-3
28W188-2
PART NO.
LH
RH
REQ.
SCALE 12"=1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NAVY C.M. STEEL SHT 47S14
120,000#/□"
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
BEARING - WING STA. #14 LEADING EDGE
STAMP PT. No. WHERE SHOWN
OPP. HAND
DWG. A SIZE
28W188

LET	ALTERATION	DATE	BY
SUPPLIES & EQUIPMENT CLASSIFICATION			
B	TRACED UP TO DATE	8-28-36	[illegible]

GP-GREEN PRIME

FINISH C[redacted]

Z	[redacted]
P	[redacted]
[redacted]	[redacted]
C	[redacted]

PRICK PUNCH 4 PLACES

LINE DRILL ON ASS'Y

$\frac{1}{4}$ — $\frac{1}{4}$ — $\frac{1}{4}$ — $\frac{3}{8}$R — $\frac{1}{16}$R — $\frac{5}{16}$R — $\frac{29}{32}$ — $\frac{29}{32}$ — $\frac{29}{32}$ — $\frac{5}{8}$

FINISH GP
C-P- ~~[illegible]~~ FOR PBY-1
C-P- ~~[illegible]~~ FOR PBY-2 & FUTURE

SEE RELEASE SHEET FOR FURTHER RELEASES

C.79836 & C27713
C.91876-1 TO 5 2
C.88476 1 TO 5 2

C.91876-31 & ON
C.88470-33 & ON

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-4	28W169-1	
	PBY-4	28W169	
	PBY-3	28W169-1	
	PBY-3	28W169	
	PBY-2	28W169-1	
	PBY-2	28W169	
	PBY-1	28W169-1	
	PBY-1	28W169	
	XP3Y-1	28W169-1	
	XP3Y-1	28W169	

OH	MODEL	NEXT ASSY	REQ
	PBY-5A	28W6011	4
	PBY-5A	28W169	4
	PBY-5B	28W6011	4

REQUIREMENTS PER AIRPLANE

PARTS LIST PER ASSY.

LH | RH | REQ.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

[redacted]

[illegible] 8-28-36
APPROVED DATE

.016 CALC. WT. | ACT. WT.

SCALE 12" = 1'0"

AC

NAVY AL ALLOY SHEET .064

MATERIAL	SPEC.	HEAT TREAT	FINISH
AL ALLOY SHEET .064	[illegible]	62,000 #/□"	NOTED.

MAT.

DRAFT	CHECK	EXAM.	ENG.
[illegible] 8-28-36	[illegible] 9-9-36	[illegible]	L.

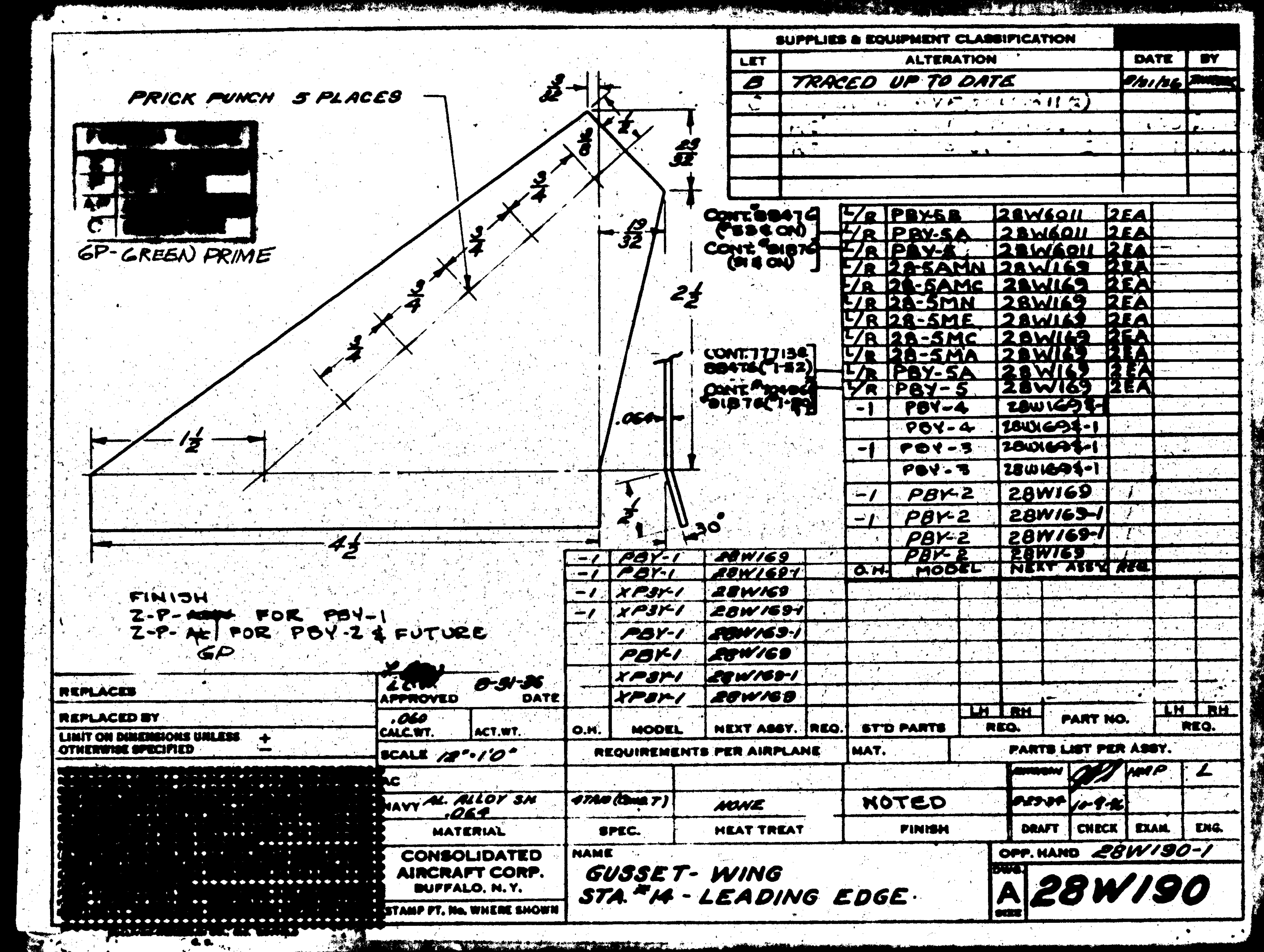
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

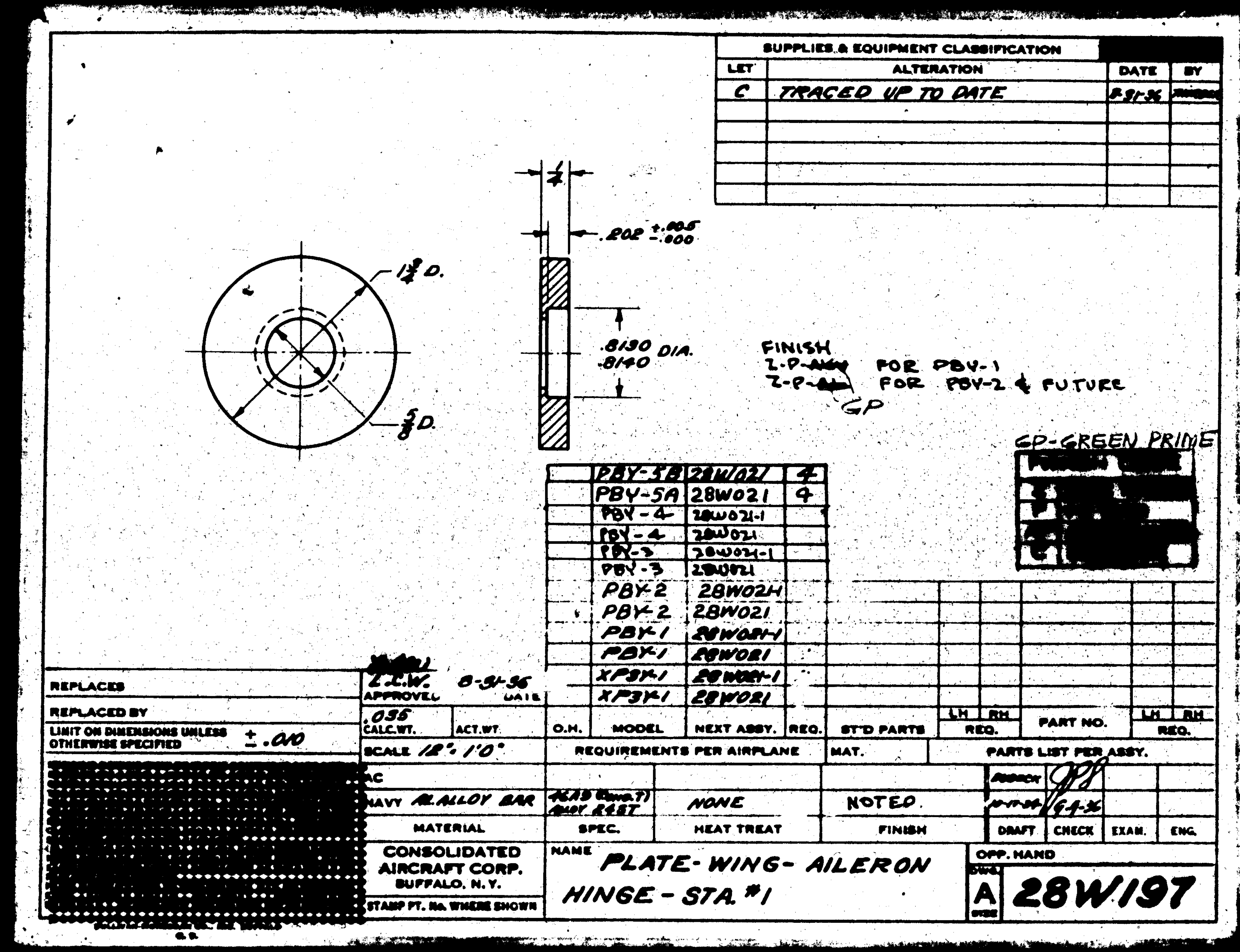
NAME
CHANNEL - WING
STA. #14 LEADING EDGE

OPP. HAND

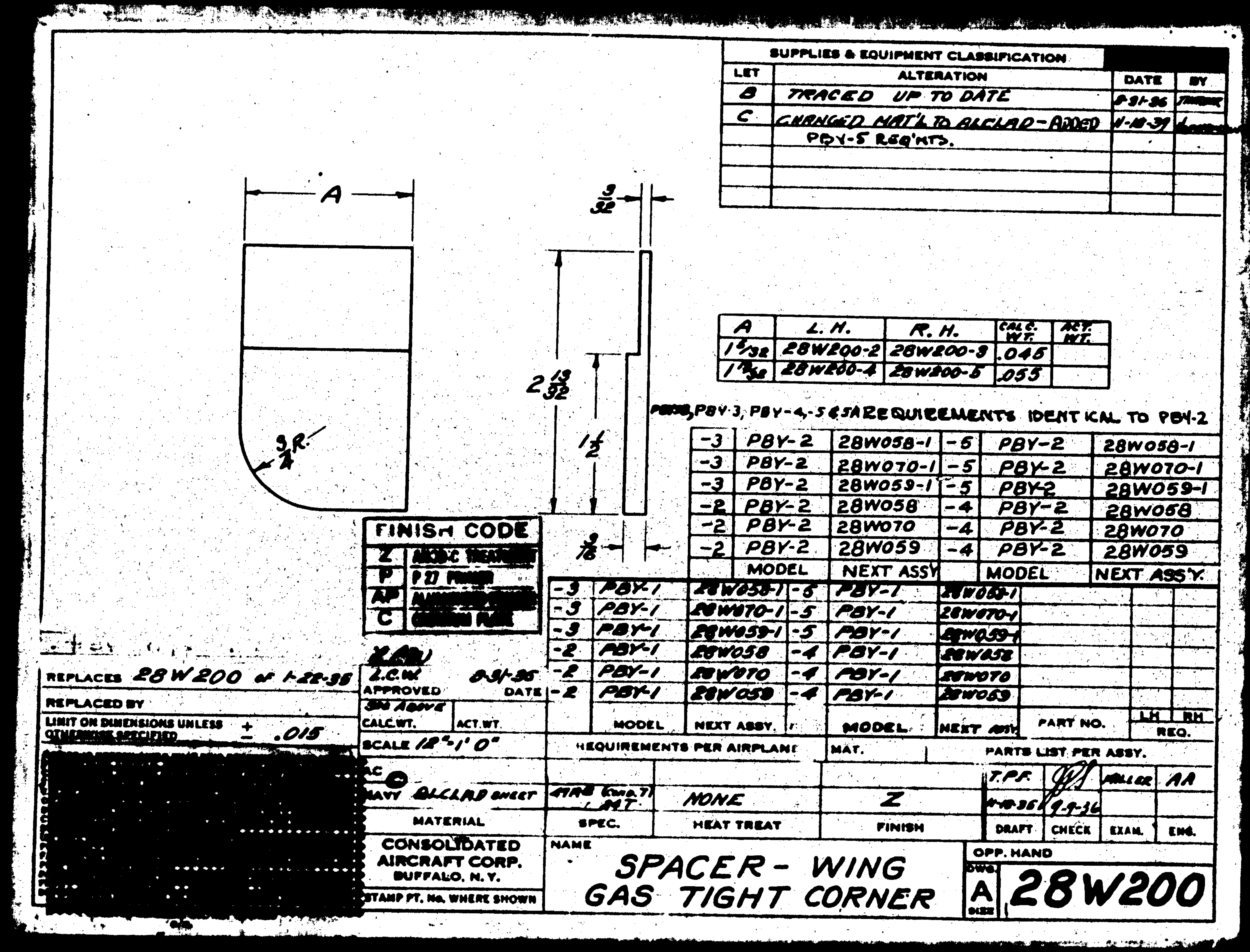
DWG. SIZE A 28W189



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED UP TO DATE
PRICK PUNCH 5 PLACES
[redacted]
GP-GREEN PRIME
3/32
1/8
1/2
29/32
3/4
3/4
3/4
3/4
3/4
19/32
2 1/2
1 1/2
4 1/2
.064
1
30°
CONT. 88476 (753 & ON)
CONT. 91876 (914 ON)
CONT. 77138 88476 (1-52)
CONT. 91876 (1-80)
L/R PBY-5B 28W6011 2EA
L/R PBY-5A 28W6011 2EA
L/R PBY-5 28W6011 2EA
L/R 28-5AMN 28W169 2EA
L/R 28-5AMC 28W169 2EA
L/R 28-5MN 28W169 2EA
L/R 28-5ME 28W169 2EA
L/R 28-5MC 28W169 2EA
L/R 28-5MA 28W169 2EA
L/R PBY-5A 28W169 2EA
L/R PBY-5 28W169 2EA
-1 PBY-4 28W169-1
PBY-4 28W169-1
-1 PBY-3 28W169-1
PBY-3 28W169-1
-1 PBY-2 28W169 1
-1 PBY-2 28W169-1 1
PBY-2 28W169-1 1
PBY-2 28W169 1
O.H. MODEL NEXT ASSY REQ.
-1 PBY-1 28W169
-1 PBY-1 28W169-1
-1 XP3Y-1 28W169
-1 XP3Y-1 28W169-1
PBY-1 28W169-1
PBY-1 28W169
XP3Y-1 28W169-1
XP3Y-1 28W169
FINISH
Z-P- FOR PBY-1
Z-P- AC FOR PBY-2 & FUTURE
GP
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
APPROVED 8-31-36 DATE
.060 CALC.WT.
ACT.WT.
O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 12"=1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY AL. ALLOY SH .064
24ST (CLAD T)
NONE
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
L
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET- WING
STA. #14 - LEADING EDGE
OPP. HAND 28W190-1
DWG. SIZE A
28W190
[redacted]



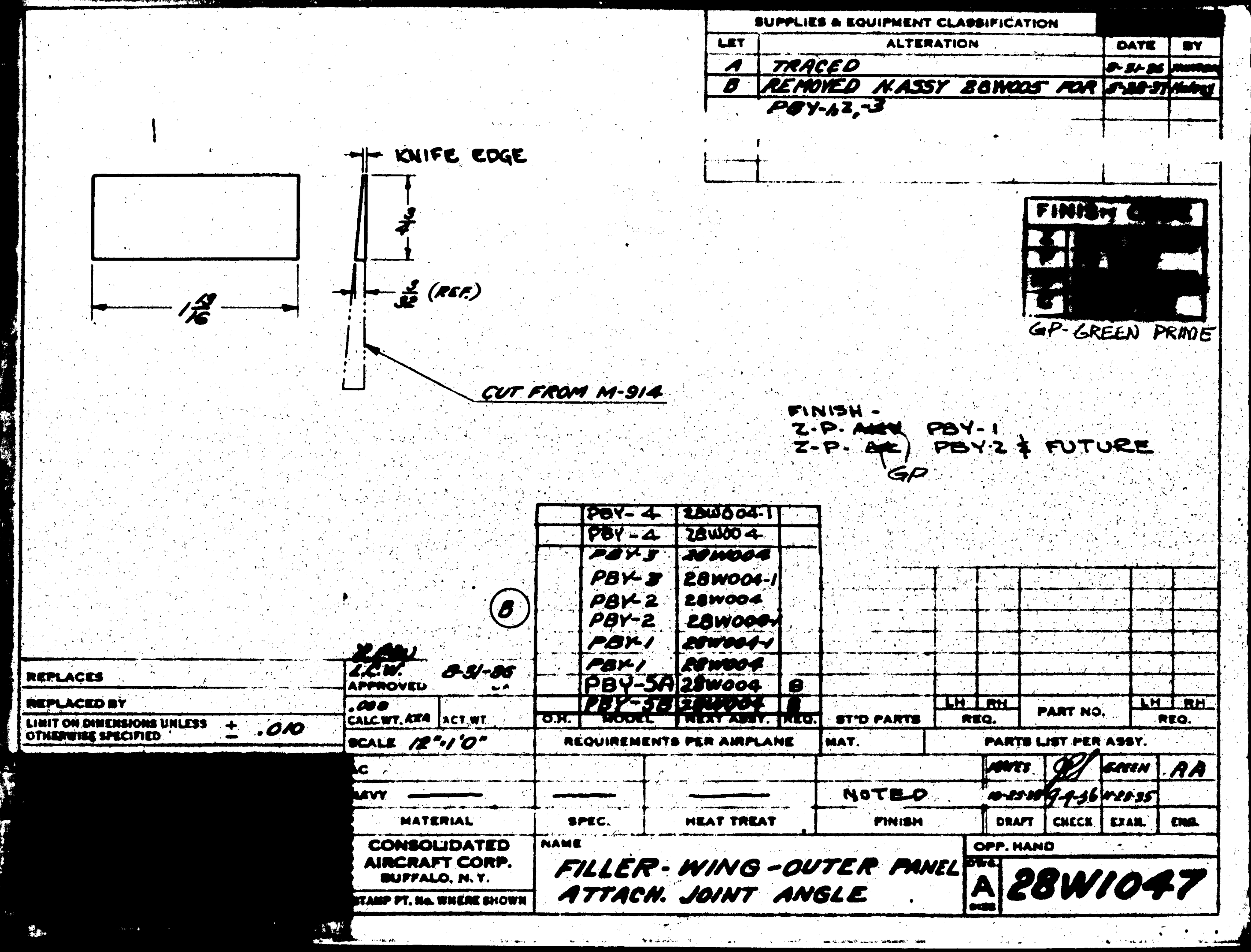
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C | TRACED UP TO DATE | 8-31-36
1 3/8 D.
5/8 D.
1/4
.202 +.005 -.000
.8130 .8140 DIA.
FINISH
Z-P- FOR PBY-1
Z-P- FOR PBY-2 & FUTURE
GP
GP-GREEN PRIME
[redacted]
PBY-5B 28W021 4
PBY-5A 28W021 4
PBY-4 28W021-1
PBY-4 28W021
PBY-3 28W021-1
PBY-3 28W021
PBY-2 28W021-1
PBY-2 28W021
PBY-1 28W021-1
PBY-1 28W021
XP3Y-1 28W021-1
XP3Y-1 28W021
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.010
[redacted]
Z.L.W. 8-31-36
APPROVED DATE
.035
CALC.WT. | ACT.WT. | O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY AL.ALLOY BAR | 46A19 (Inst.1) ALLOY 24ST | NONE | NOTED
MATERIAL | SPEC. | HEAT TREAT | FINISH
DRAFT | CHECK | EXAM. | ENG.
9-1-36
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
PLATE-WING-AILERON HINGE-STA. #1
OPP. HAND
DWG. A SIZE
28W197



A	L.H.	R.H.	CALC. WT.	ACT. WT.
1 5/32	28W200-2	28W200-3	.045	
1 13/32	28W200-4	28W200-5	.055	

	MODEL	NEXT ASSY		MODEL	NEXT ASSY
-3	PBY-2	28W058-1	-5	PBY-2	28W058-1
-3	PBY-2	28W070-1	-5	PBY-2	28W070-1
-3	PBY-2	28W059-1	-5	PBY-2	28W059-1
-2	PBY-2	28W058	-4	PBY-2	28W058
-2	PBY-2	28W070	-4	PBY-2	28W070
-2	PBY-2	28W059	-4	PBY-2	28W059
-3	PBY-1	28W058-1	-5	PBY-1	28W058-1
-3	PBY-1	28W070-1	-5	PBY-1	28W070-1
-3	PBY-1	28W059-1	-5	PBY-1	28W059-1
-2	PBY-1	28W058	-4	PBY-1	28W058
-2	PBY-1	28W070	-4	PBY-1	28W070
-2	PBY-1	28W059	-4	PBY-1	28W059

[redacted]



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
B
REMOVED N.ASSY 28W005 FOR PBY-A2,-3
KNIFE EDGE
3/4
3/32 (REF.)
1 13/16
CUT FROM M-914
GP-GREEN PRIME
FINISH -
Z-P. PBY-1
Z-P. GP PBY-2 & FUTURE
PBY-4 28W004-1
PBY-4 28W004
PBY-3 28W004
PBY-3 28W004-1
PBY-2 28W004
PBY-2 28W004-1
PBY-1 28W004-1
PBY-1 28W004
PBY-5A 28W004 B
PBY-5B 28W004 B
B
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
L.C.W. 8-31-36
APPROVED
.008
CALC. WT. AREA
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
REQ.
PART NO.
LH
RH
REQ.
SCALE 12"=1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
NOTED
JONES
GREEN
RA
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
FILLER - WING - OUTER PANEL ATTACH. JOINT ANGLE
OPP. HAND
DWG. SIZE A
28W1047

A TRACED

8 31 36

SECTION A-A

PBY 5A 28W5005 136

PBY-1 28W005

.0006

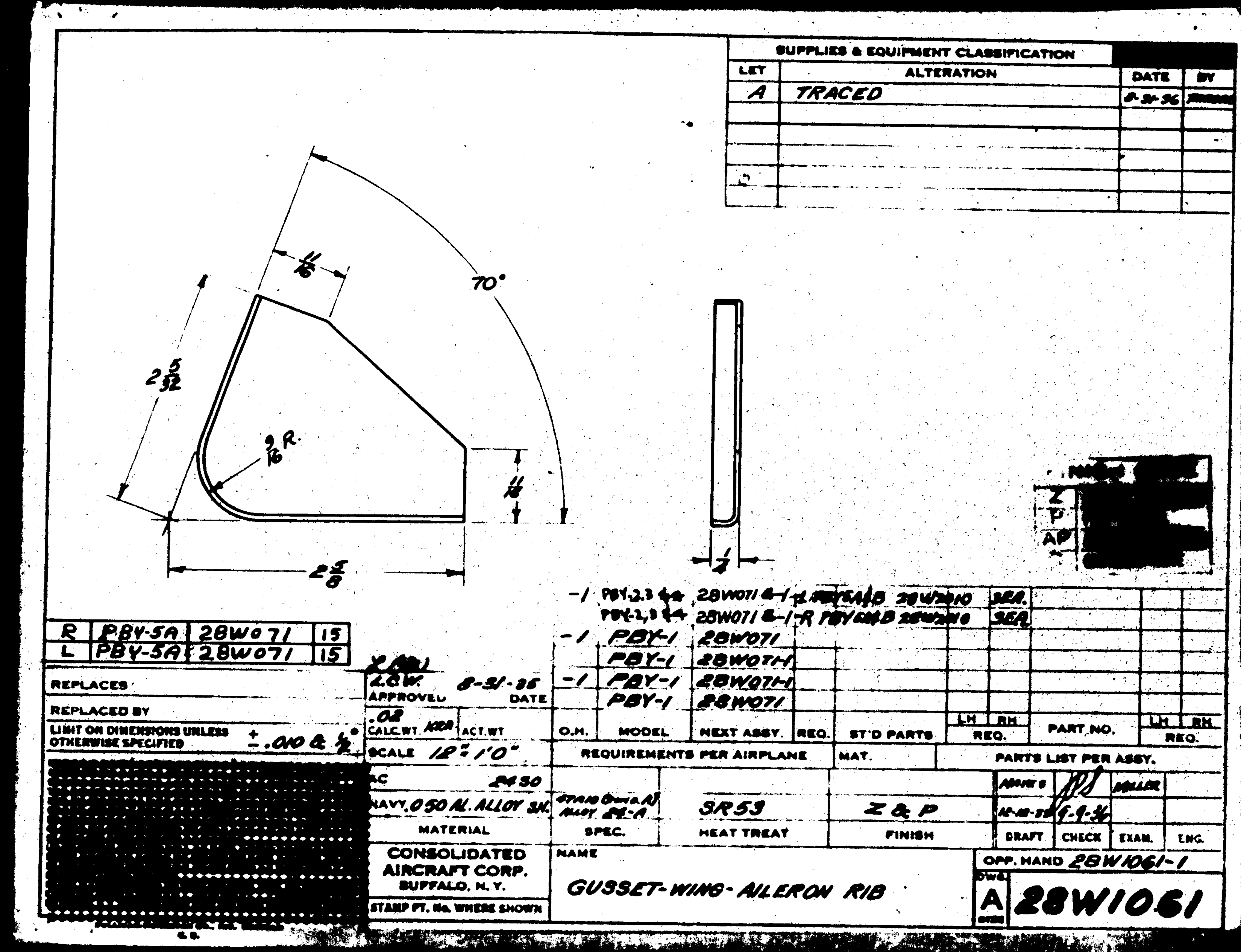
.010

24" 1'0"

DUPRENE COMM. NONE NONE

WASHER - WING - CENTER
SECTION - DUPRENE

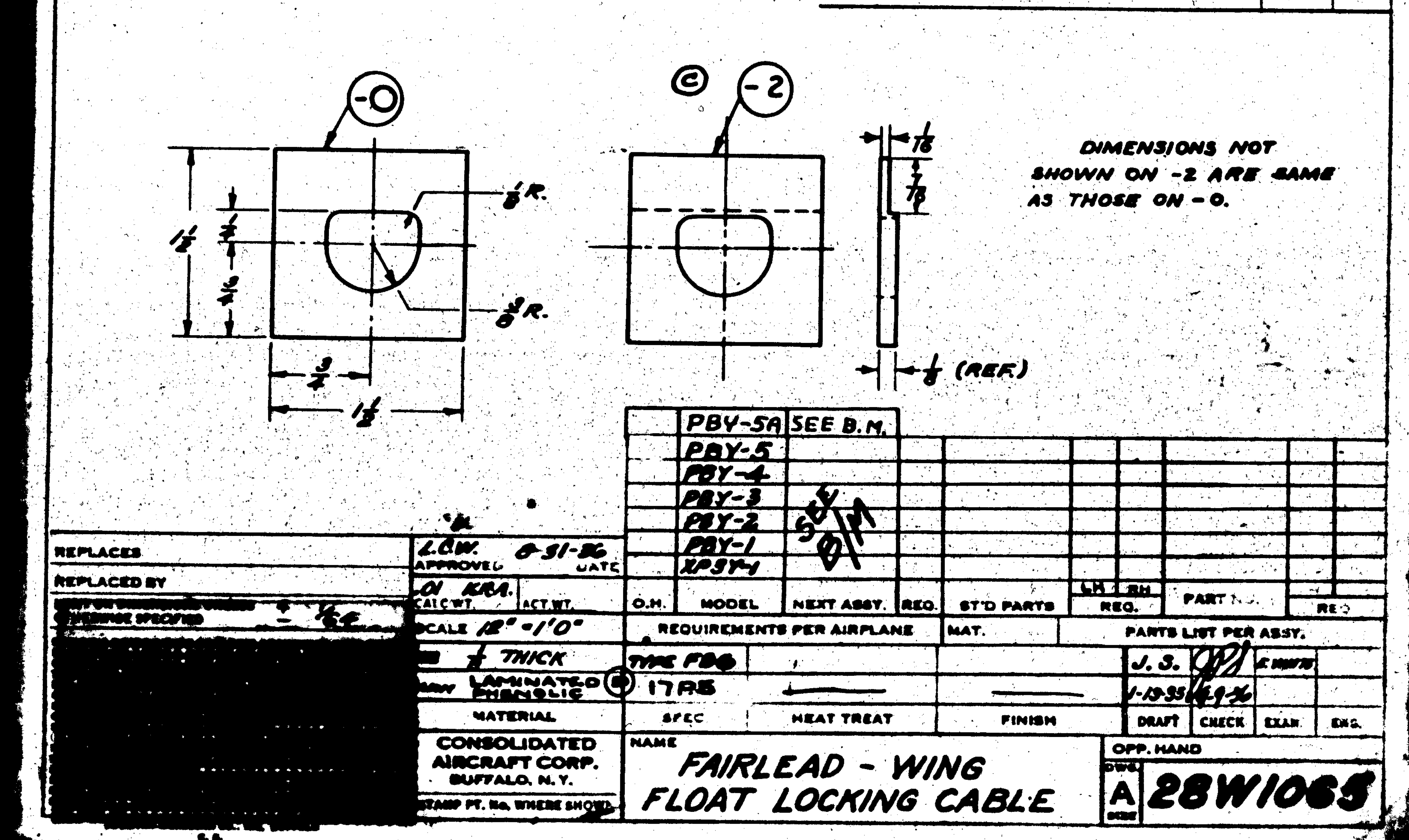
28W1060



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
8-31-36
70°
11/16
2 5/32
9/16 R.
11/16
2 5/8
1/4
Z
P
AP
-1 PBY-2,3 28W071 8-1
PBY-2,3 28W071 8-1-R
-1 PBY-1 28W071
PBY-1 28W071-1
-1 PBY-1 28W071-1
PBY-1 28W071
R PBY-5A 28W071 15
L PBY-5A 28W071 15
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010 & 1/2°
APPROVED
8-31-36
DATE
.02
CALC.WT.
ACT.WT
SCALE 12" = 1'0"
AC 24 S0
NAVY .050 AL. ALLOY SH.
MATERIAL
SPEC.
SR53
HEAT TREAT
Z & P
FINISH
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH
REQ.
PART NO.
LH RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET-WING-AILERON RIB
OPP. HAND 28W1061-1
DWG.
A
28W1061

B.A.C.E.O.213 E.O.24787
E.O.479—PBYS ALL

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED UP TO DATE	8-21-36	
C	ADDED -2	10-8-36	
D	LAMINATED PHENOLIC - SPEC 17P5, TYPE FBG WAS BAKELITE, SPEC 17E14		



CAUTION

BREAK ANCHOR LOOSE FROM BOTTOM BY USING ENGINES – PULL OF ANCHOR MUST BE TAKEN BY THE PENDANT, NOT BY THE REEL.

CUT OUT AROUND EDGE AND PASTE INSIDE OF DOOR AS SHOWN ON 28R1058.

SYM	ALTERATION	DATE	BY
A	TRACED	7-20-37	Wh

MODEL	NEXT ASSY
PBY-4	28R1058
PBY-3	28R1058
PBY-2	28R1058
PBY-1	28R1058

APPROVED 7-20-37 DATE

MATERIAL: BLUE PRINT PAPER

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

NAME: INSTRUCTION SHEET ANCHOR HOISTING & STOWAGE

DRAFT: FAMME 6-23-37 CHECK: 7-20-37 CN MOFFATT

DWG SIZE A 28R1066

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED UP TO DATE	8-31-36	[illegible]

APPROX. 3/8 R. (SPHERICAL)

3/4

3/16

11/16 DIA.

MAKE FROM 11/16 DIA. ROUND AL. ALLOY BAR

[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28W1072	4
	PBY-5A	28W1072	4
	PBY-4	28W1072	
	PBY-3	28W1072	
	PBY-2	28W1072	
	PBY-1	28W1072	
	XPBY-1	28W1072	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted]

Z.C.W. 8-31-36
APPROVED DATE

.02 CALC. WT. KRA ACT. WT.

SCALE 12" = 1'0"

AC

	MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY	NOTED	46A9 COMPT ALLOY 24-T	NONE	Z-P

DRAFT	CHECK	EXAM.	ENG.
HAYES 1-29-36	[illegible] 9-4-36	MILLER	R

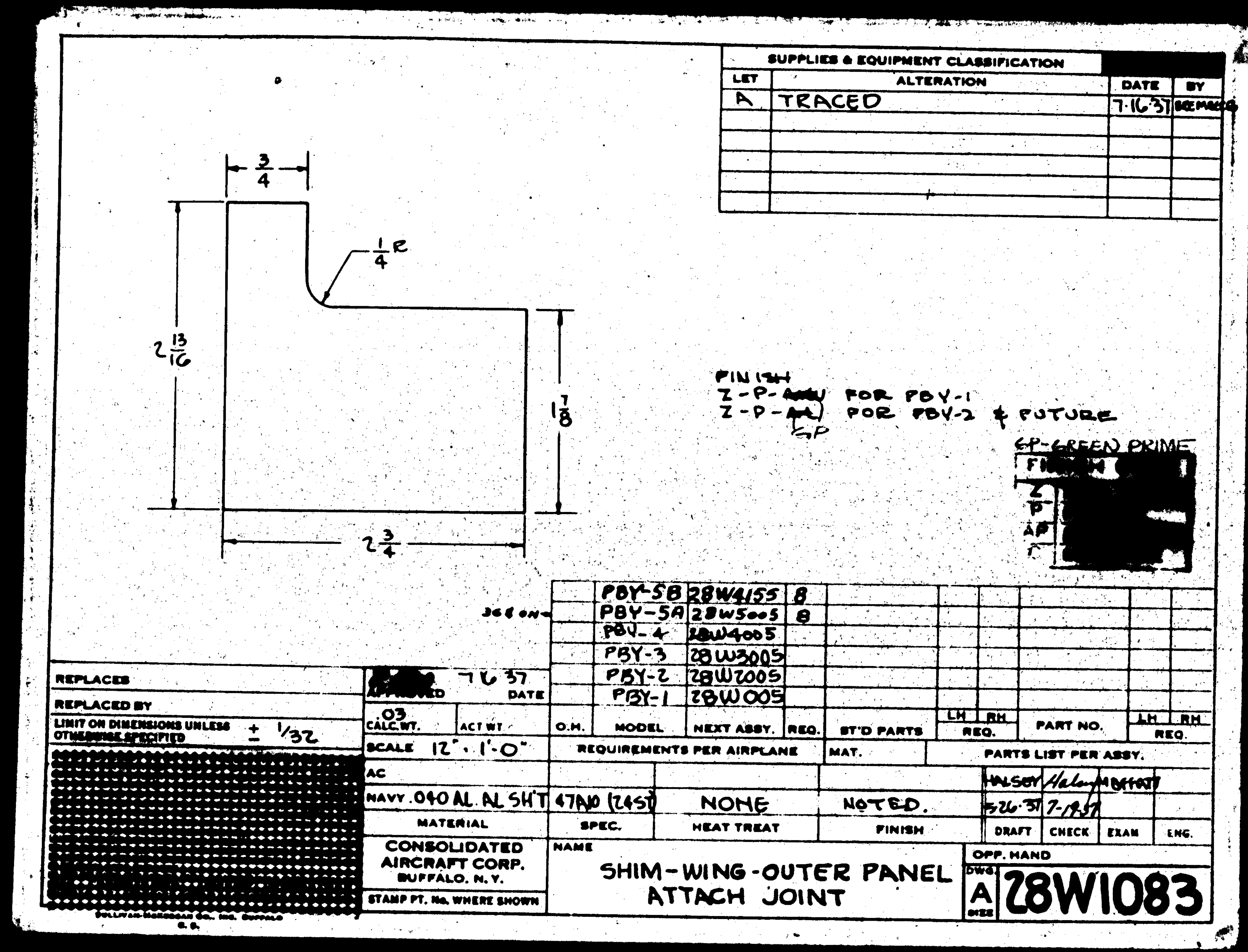
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: PLUG - WING - HAND RAIL FILLER

OPP. HAND

DWG. A 28W1075



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
7-16-37
3/4
1/4 R
2 13/16
1 7/8
2 3/4
FINISH
Z-P-A FOR PBY-1
Z-P-GP FOR PBY-2 & FUTURE
GP-GREEN PRIME
[redacted]
PBY-5B 28W4155 8
368 ON
PBY-5A 28W5005 8
PBY-4 28W4005
PBY-3 28W3005
PBY-2 28W2005
PBY-1 28W005
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted] 7-16-37
APPROVED
DATE
.03
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
HALSEY
MOFFATT
NAVY .040 AL. AL SH'T
47A10 (24ST)
NONE
NOTED.
5-26-37
7-19-37
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
NAME
SHIM-WING-OUTER PANEL ATTACH JOINT
OPP. HAND
DWG.
A
SIZE
28W1083
STAMP PT. No. WHERE SHOWN
SULLIVAN-McKEEGAN CO., INC. BUFFALO

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	7-16-37	[illegible]

13/16

3

1/64 MAX

.040

FINISH
Z-P ~~[illegible]~~ FOR PBY-1
Z-P ~~[illegible]~~ FOR PBY-2 & FUTURE
GP- GREEN PRIME [redacted]

#36 ¢ ON

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28W4155	16						
	PBY-5A	28W5005	16						
	PBY-4	28W4005							
	PBY-3	28W3005							
	PBY-2	28W2005							
	PBY-1	28W005							

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED [illegible] DATE 7-16-37

.01 CALC. WT. — ACT. WT.

SCALE 12" : 1'-0"

	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC					HALSEY	[illegible]	MAFFATT	
NAVY	.040 AL. ALLOY SH'T 24ST	47A10	NONE	NOTED	5-26-37	7-1-37		

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME
SHIM - WING - OUTER - PANEL
ATTACH JOINT

OPP. HAND

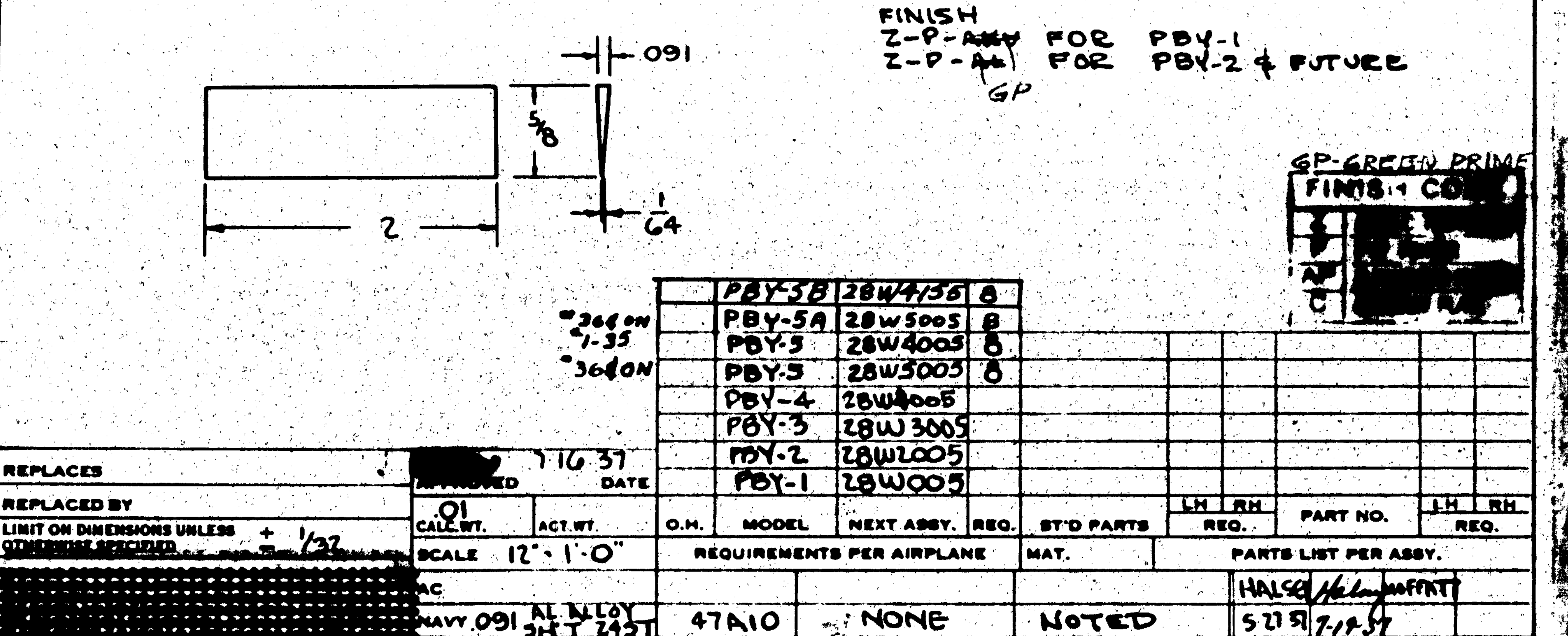
DWG. SIZE A — 28W1084

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED	7-16-37	BREMBECK

FINISH
Z-P-A FOR PBY-1
Z-P-A FOR PBY-2 & FUTURE
GP

GP-GREEN PRIME



O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28W4155	8
	PBY-5A	28W5005	8
	PBY-5	28W4005	8
	PBY-5	28W5005	8
	PBY-4	28W4005	
	PBY-3	28W3005	
	PBY-2	28W2005	
	PBY-1	28W005	

REQUIREMENTS PER AIRPLANE

ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.

MAT. | PARTS LIST PER ASSY.

	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC					HALSEY	Haley	MOFFATT	
NAVY	.091 AL ALLOY SHT 24ST	47A10	NONE	NOTED	5-27-37	7-19-37		

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

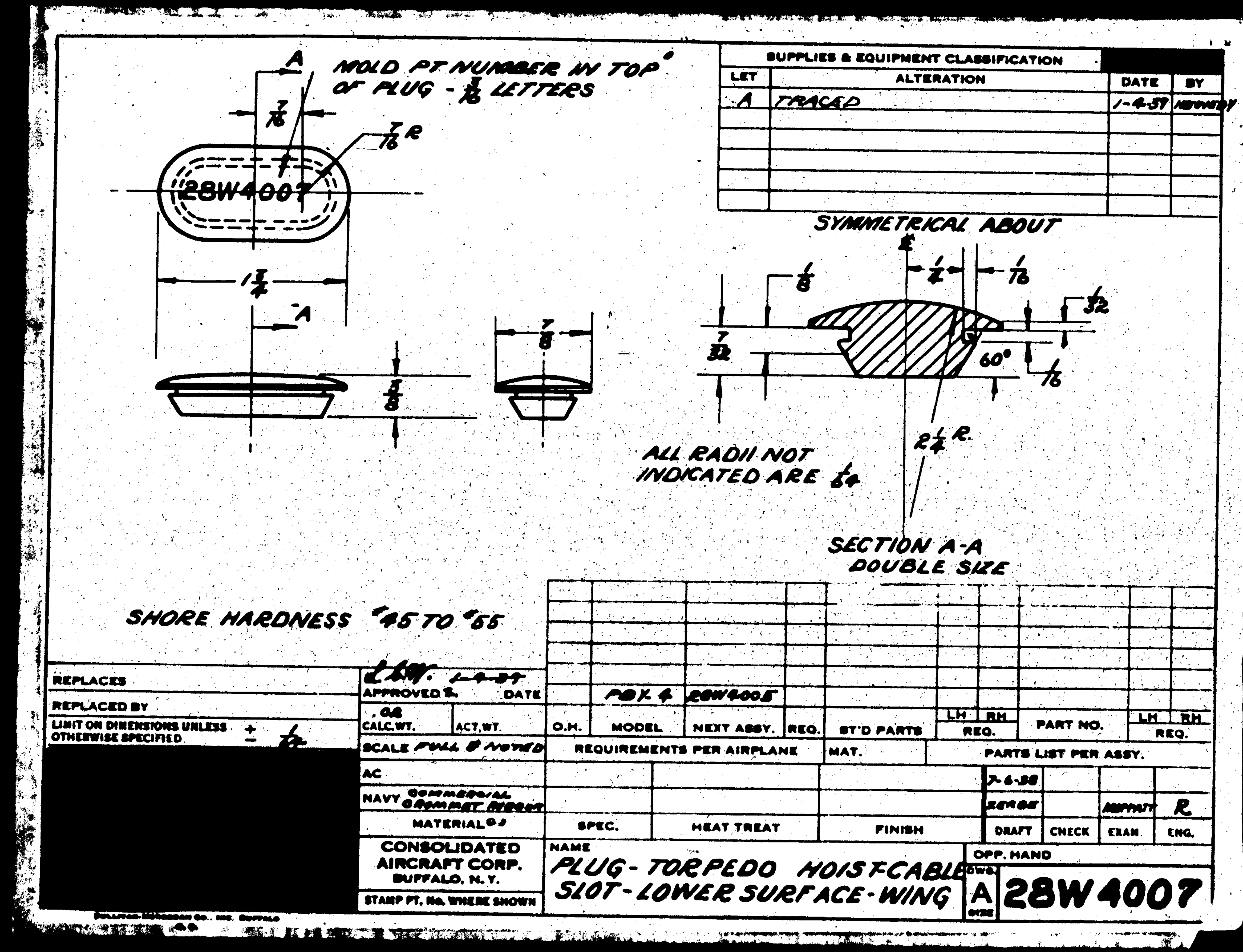
STAMP PT. No. WHERE SHOWN

NAME
FILLER - WING - OUTER PANEL ATTACH JOINT ANGLE

OPP. HAND

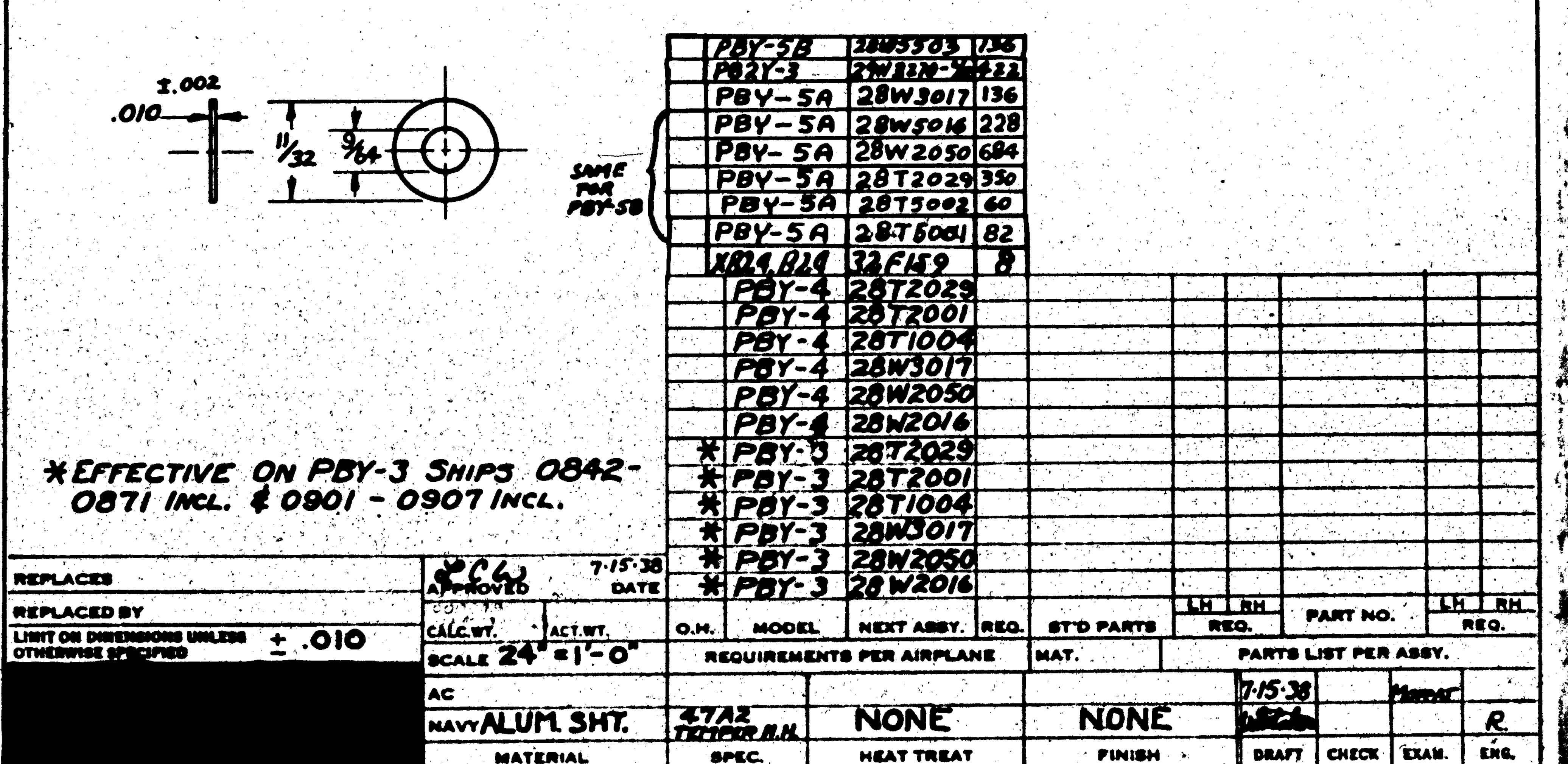
DWG. SIZE A

28W1087


MOLD PT. NUMBER IN TOP OF PLUG - 3/16 LETTERS
A
7/16
7/16 R
28W4007
1 3/4
A
3/8
7/8
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
1-4-39
SYMMETRICAL ABOUT ℄
1/8
1/4
1/16
1/32
7/32
60°
1/16
2 1/4 R.
ALL RADII NOT INDICATED ARE 1/64
SECTION A-A
DOUBLE SIZE
SHORE HARDNESS #45 TO #55
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
APPROVED
DATE
CALC. WT.
ACT. WT.
SCALE FULL & NOTED
AC
NAVY COMMERCIAL GROMMET RUBBER
MATERIAL
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
PBY 4
28W4005
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
SPEC.
HEAT TREAT
FINISH
7-6-38
DRAFT
CHECK
EXAM.
ENG.
R
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
PLUG - TORPEDO HOIST-CABLE SLOT - LOWER SURFACE - WING
OPP. HAND
DWG.
A
SIZE
28W4007

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	REMOVED Z FINISH	9·14·38	[illegible]



O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28W5503	136
	PB2Y-3	2?W[illegible]	422
	PBY-5A	28W3017	136
	PBY-5A	28W5016	228
	PBY-5A	28W2050	684
	PBY-5A	28T2029	350
	PBY-5A	28T5002	60
	PBY-5A	28T5001	82
	XB24, B24	32F159	8
	PBY-4	28T2029	
	PBY-4	28T2001	
	PBY-4	28T1004	
	PBY-4	28W3017	
	PBY-4	28W2050	
	PBY-4	28W2016	
*	PBY-3	28T2029	
*	PBY-3	28T2001	
*	PBY-3	28T1004	
*	PBY-3	28W3017	
*	PBY-3	28W2050	
*	PBY-3	28W2016	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.

*EFFECTIVE ON PBY-3 SHIPS 0842-0871 INCL. & 0901-0907 INCL.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED [signature] DATE 7·15·38

CALC. WT. ACT. WT.

SCALE 24" = 1'-0"

[redacted]

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC				
NAVY	ALUM. SHT.	47A2 TEMPER H.H.	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
7·15·38 [signature]		[signature]	R.

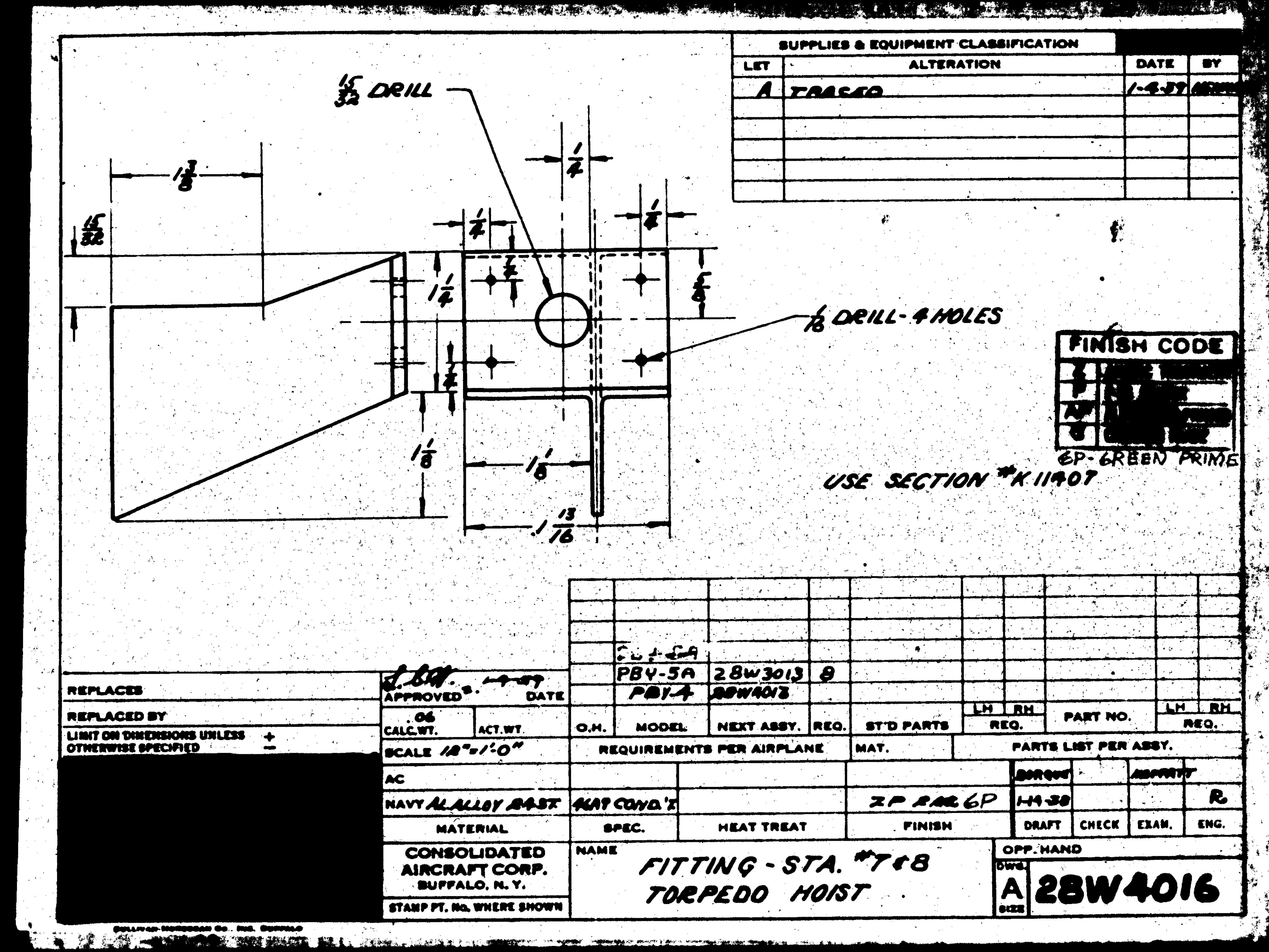
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME WASHER-WING-DE-ICER FAIRING STRIP

OPP. HAND

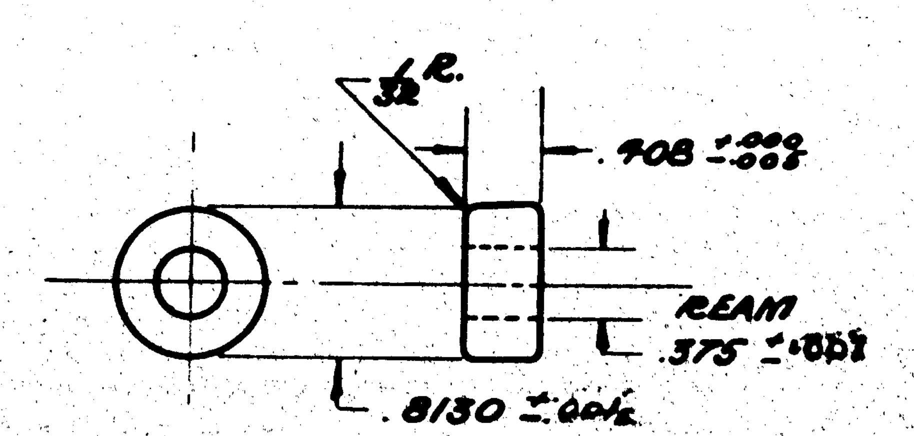
DWG. SIZE A 28W4012



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
1-4-39
15/32 DRILL
1 3/8
15/32
1/4
1/4
1/4
1/4
1 1/4
5/8
1/4
1/16 DRILL - 4 HOLES
FINISH CODE
[redacted]
GP - GREEN PRIME
USE SECTION #K 11407
1 1/8
1 1/8
1 13/16
PBY-5A
28W3013
8
PBY-4
28W4013
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
1-4-39
.06
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 1/2"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY AL ALLOY BAST
4KAT COND'T
ZP RAR GP
1-14-38
R.
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
[redacted]
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
FITTING - STA. #7 & 8
TORPEDO HOIST
OPP. HAND
DWG. SIZE
A
28W4016

LET	ALTERATION	DATE	BY
	SUPPLIES & EQUIPMENT CLASSIFICATION		
A	TRACED	1-9-39	KENNEDY
B	"REAM .375 +.002 -.000" WAS "REAM .375 +.001 -.000"	4-15-41	HEYL
	".8130 +.000 -.002" WAS ".8130 +.000 -.001"		
C	.375 ±.001 WAS .375 +.001 -.000	5-8-41	
	.8130 ±.001 WAS .8130 +.000 -.001		

BREWSTER ED. 442
PBY-5



O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5A	28W1049	2						
	PBY-5	28W1049	2						
	PBY-4	28W1049-1							
	PBY-4	28W1049							
	PBY-3	28W1049-1							
	PBY-3	28W1049							
	PBY-5B	28W1049	2						

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

APPROVED DATE 1-9-39

CALC. WT. .02 | ACT. WT.

SCALE 12"=1'-0"

AC

NAVY INBURON — MATERIAL | TYPE C.Q. — SPEC. | NONE — HEAT TREAT | NONE — FINISH

DRAFT | CHECK | EXAM. MILLER | ENG. R.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

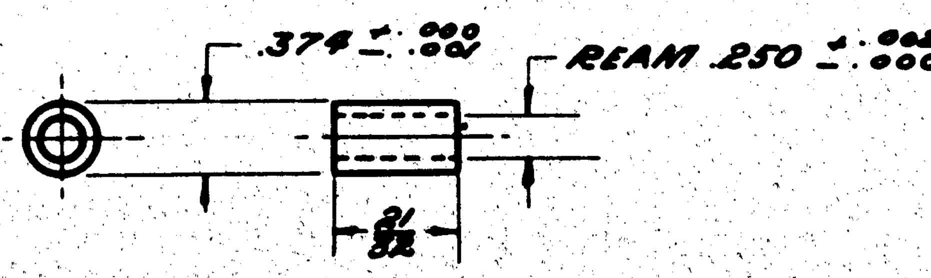
NAME: BEARING - INBOARD AILERON HINGE

OPP. HAND

DWG. SIZE A

28W4018

SUPPLIES & EQUIPMENT CLASSIFICATION	[redacted]		
LET	ALTERATION	DATE	BY
A	TRACED	1-9-39	[illegible]
B	IN B/M, REPLACED "COR. RES. STEEL, 4631B GR.7E" WITH "NOTED." ADDED MAT'L. NOTE. NO WT. CHG.	9-27-43	[illegible]



NOTE-
MAT'L. MAY BE-
(A) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. FM, COND. B, OR
(B) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-5'S	28W5501	2 EA.						
	PBY-5B	28W5501							
	PBY-5	28W4001	2						
	PBY-5A	28W4001	2						
	PBY-3	28W3001							
	PBY-4	28W4001							

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	±
APPROVED	DATE
CALC. WT. .01	ACT. WT.
SCALE 12"=1'0"	
AC	
NAVY NOTED	

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY NOTED	NOTED	NONE	NONE	[illegible]		MILLER	R.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

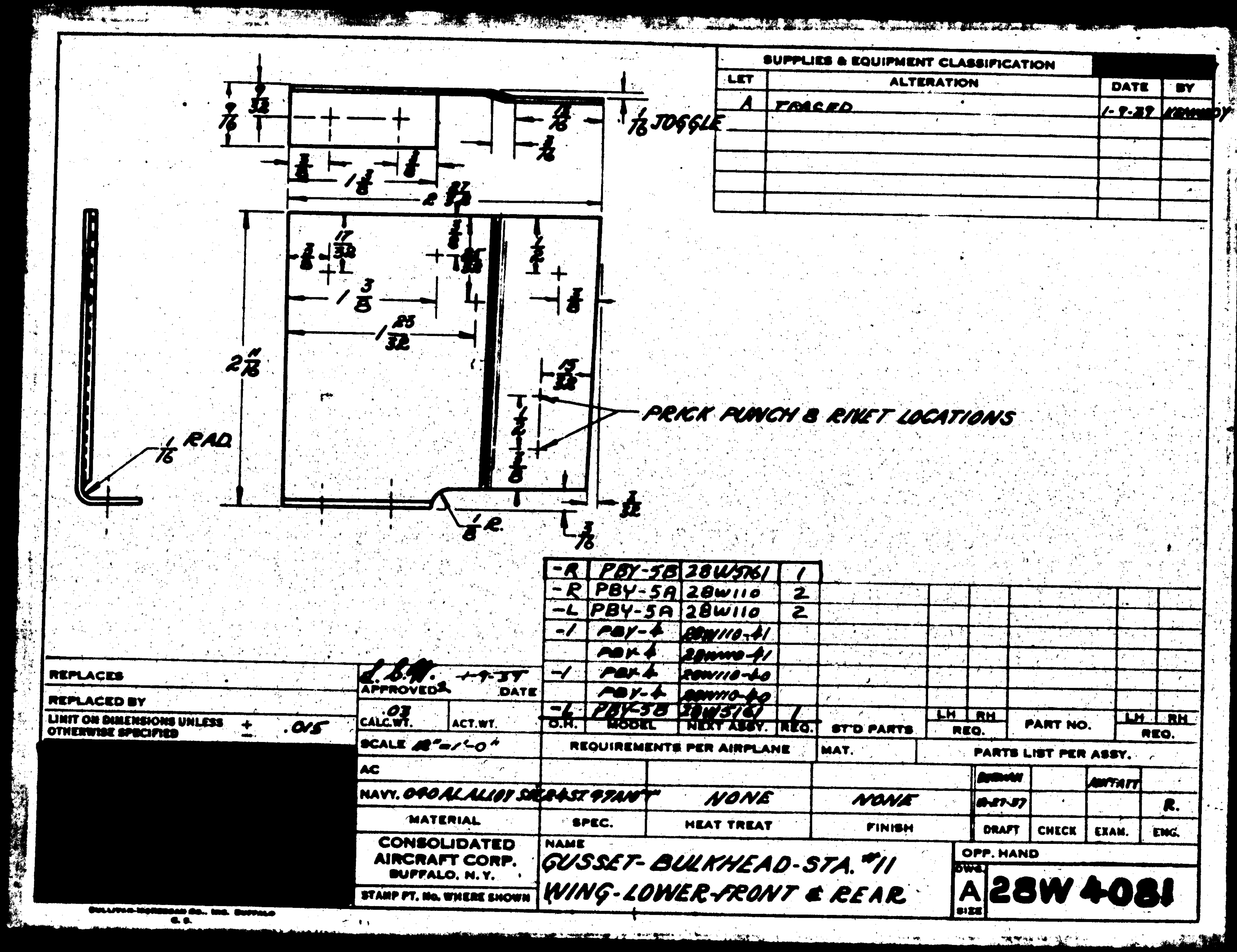
STAMP PT. No. WHERE SHOWN

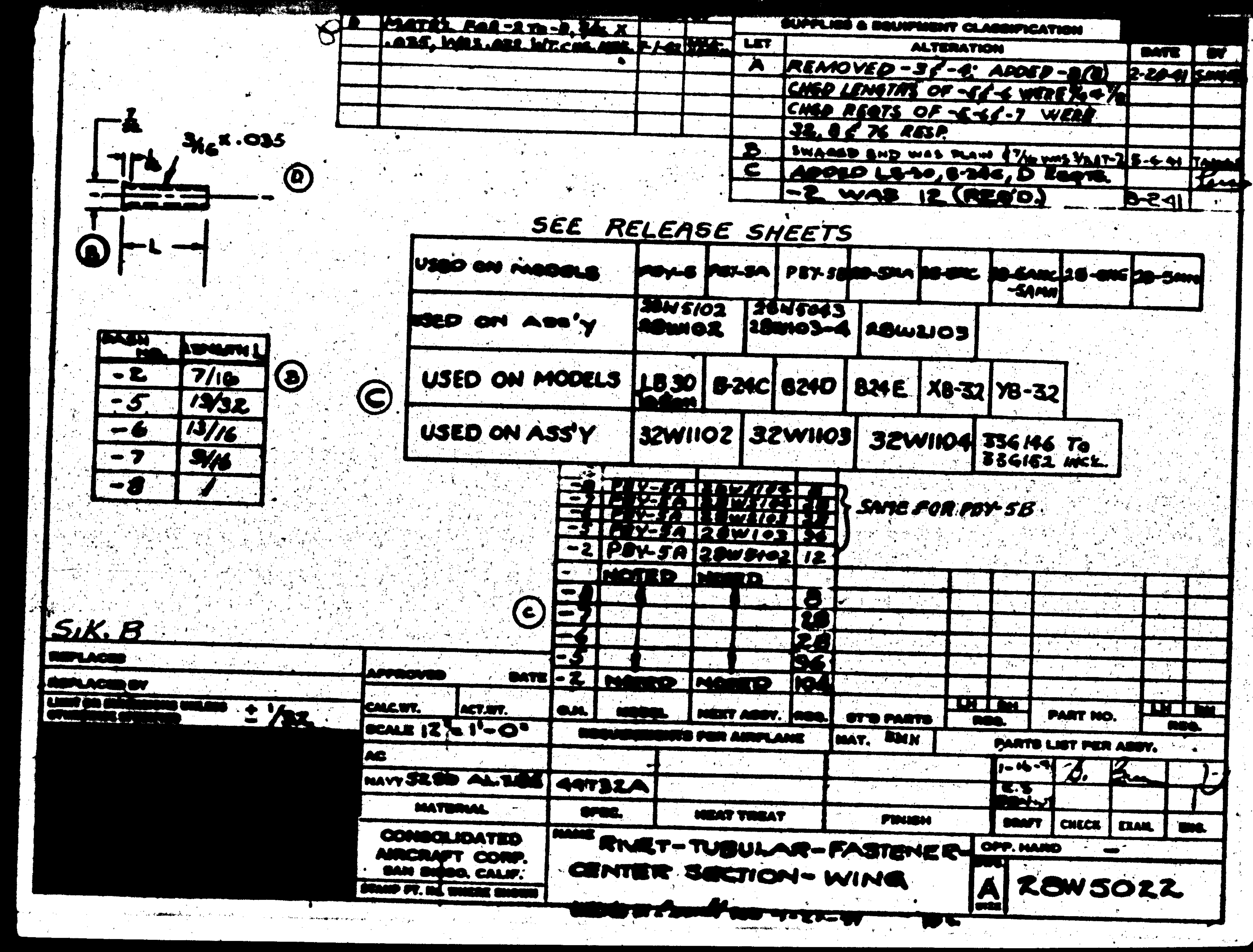
NAME: SLEEVE - INBOARD AILERON HINGE BEARING

OPP. HAND

DWG. SIZE A — 28W4019

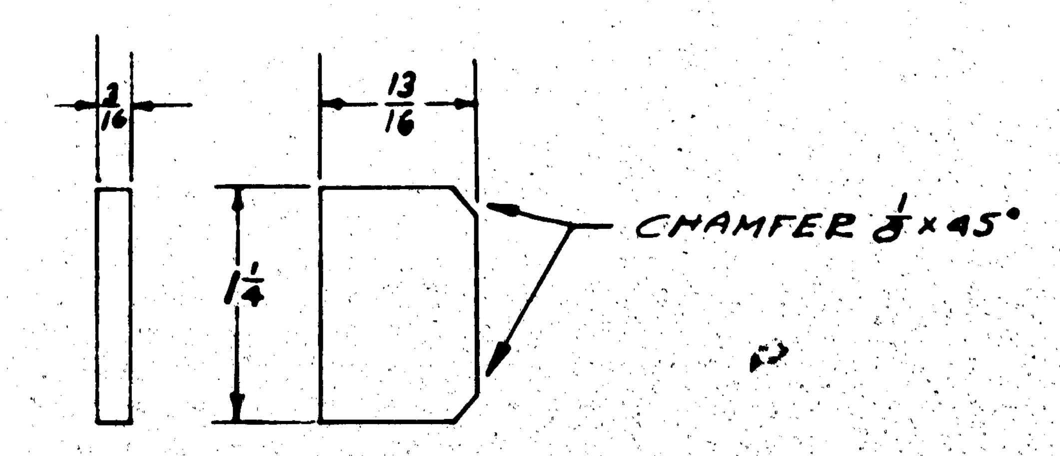
28W4019


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
1-9-39
1/16 JOGGLE
PRICK PUNCH & RIVET LOCATIONS
1/16 RAD.
1/8 R.
-R PBY-5B 28W5161 1
-R PBY-5A 28W110 2
-L PBY-5A 28W110 2
-L PBY-5B 28W5161 1
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
APPROVED
DATE
.03
CALC.WT.
ACT.WT.
SCALE
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET-BULKHEAD-STA. #11 WING-LOWER-FRONT & REAR
OPP. HAND
DWG.
A
SIZE
28W 4081
[redacted]



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
REMOVED -3 & -4; ADDED -8(B)
2-28-41
CHGD LENGTHS OF -5 & -6 WERE
CHGD REQTS OF -5 -6 & -7 WERE
32, 8 & 76 RESP.
B
SWAGED END WAS PLAIN
5-6-41
C
ADDED LB-30, B-24C, D REQTS.
-2 WAS 12 (REQ'D.)
3/16 x .035
D
B
L
SEE RELEASE SHEETS
USED ON MODELS
PBY-5
PBY-5A
PBY-5B
USED ON ASS'Y
28W5102
28W102
28W5043
28W103-4
28W2103
USED ON MODELS
LB 30
B-24C
B24D
B24E
XB-32
YB-32
USED ON ASS'Y
32W1102
32W1103
32W1104
336146 To
336152 INCL.
DASH NO.
LENGTH L
-2
7/16
-5
19/32
-6
13/16
-7
9/16
-8
1
B
C
-2
PBY-5A
28W5102
12
SAME FOR PBY-5B
NOTED
8
28
28
96
104
C
S.K. B
REPLACED
REPLACED BY
APPROVED
DATE
± 1/32
CALC. WT.
ACT. WT.
MODEL
NEXT ASSY.
REQ.
STD PARTS
PART NO.
REQ.
SCALE 12 = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
44T32A
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
SAN DIEGO, CALIF.
NAME
RIVET-TUBULAR-FASTENER-
CENTER SECTION-WING
OPP. HAND
A
28W5022

SUPPLIES & EQUIPMENT CLASSIFICATION	[redacted]		
LET	ALTERATION	DATE	BY



PURCHASE TO DWG.

	O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
[illegible] →		PBY-5B	28W138	2						
#66 & ON →		PBY-5A	28W138	2						
		28-5	28W138	2						
		PBY-5	28W138	2						

REQUIREMENTS PER AIRPLANE — MAT. BMN — PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32

[redacted]

APPROVED

CALC. WT. .02 — ACT WT

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY LAMINATED PHENOLIC	17P5 TYPE FBG	NONE	NONE	HEYL 4-15-41	[illegible]	[illegible]	[illegible]

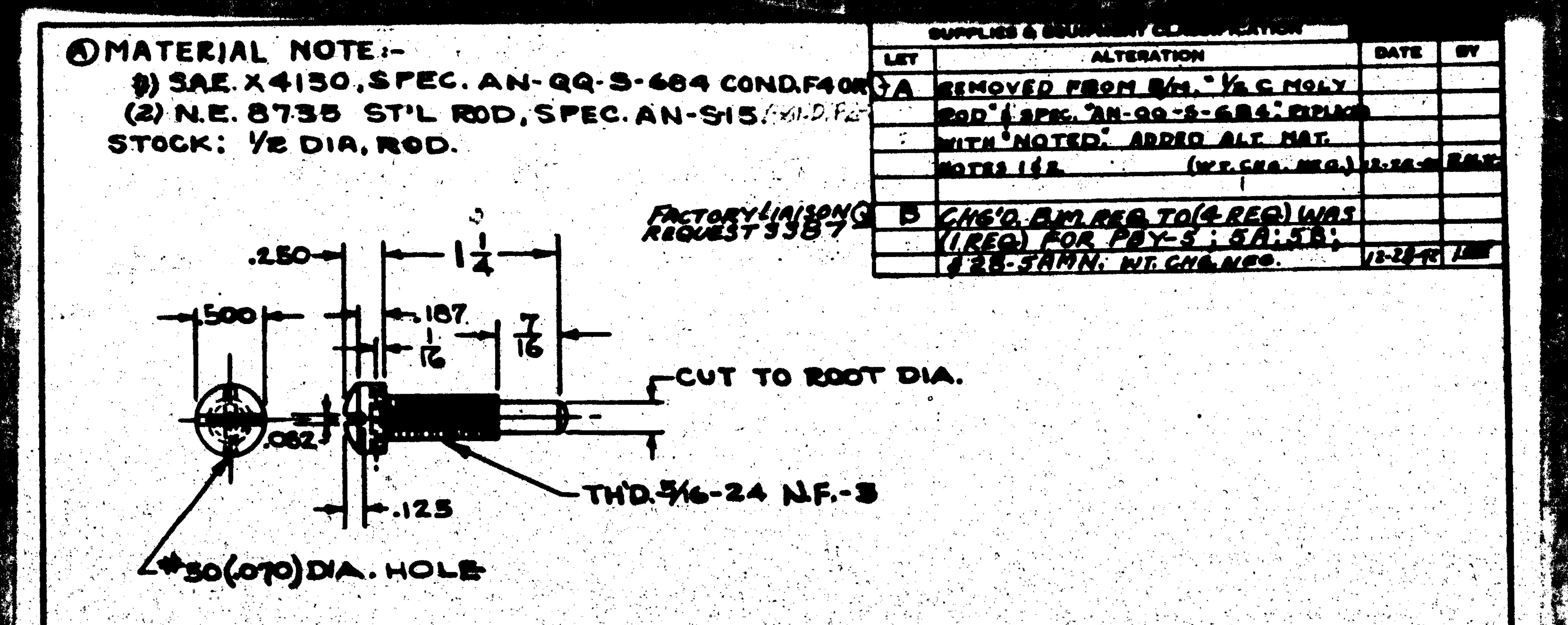
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME: FAIRLEAD - T. E. ASSY. - WING - CENTER PANEL

OPP. HAND

DWG. SIZE A — 28W5033



ROOT DIA. = .2384

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	28-5AMN	28W2018	4						
	PBY-5B	28W2018	4						
	PBY-5A	28W2018	4						
	PBY-5	28W2018	4						

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES E.D.C. #2328

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.005 & 1/64

[redacted]

APPROVED: Donald Armstrong 6-23-42 DATE

CALC. WT. | ACT. WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY NOTED	NOTED	TO 125,000 P.S.I.	NONE

DRAFT	CHECK	EXAM.	ENG.
WAN 6-12-42	6-12-42	Dublin "	ZUCK WOLD

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

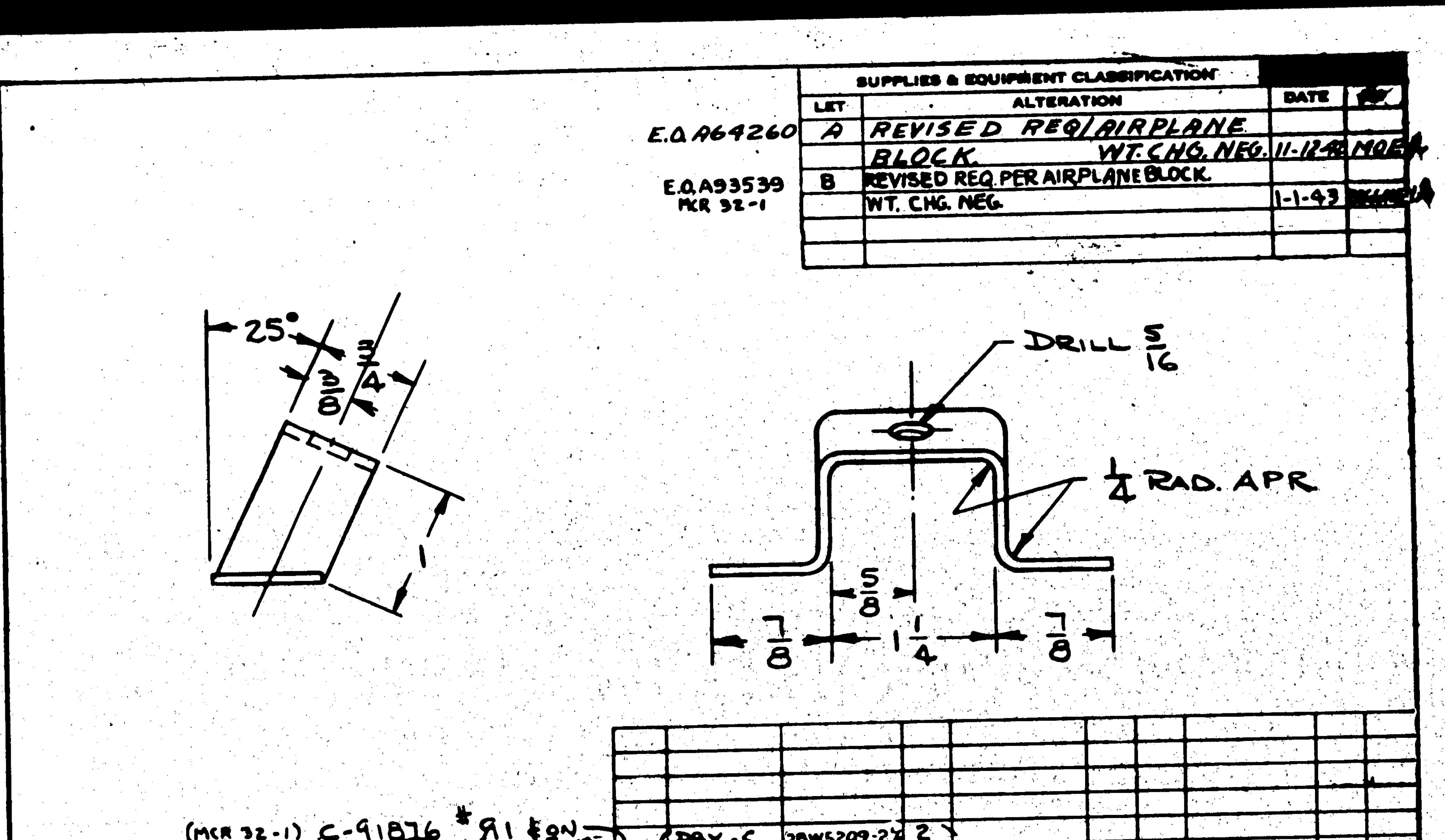
STAMP PT. No. WHERE SHOWN

NAME: SCREW - WING - OUTER PANEL ATTACHING JOINT - FAIRING

OPP. HAND

SIZE A — 28W5042

R



	PBY-5	28W5209-2	2				
	PBY-5	28W5209-0	2				
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH RH REQ.	PART NO.	LH RH REQ.
REQUIREMENTS PER AIRPLANE				MAT. 1, 3	PARTS LIST PER ASSY.		

REPLACES

APPROVED: 8-12 DATE

REPLACED BY

CALC. WT. .035#/PC ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/16, 1°

SCALE FULL

AC

NAVY 091 ALCL 24ST

[redacted]

MATERIAL	SPEC.	HEAT TREAT	FINISH
091 ALCL 24ST	47A8-T	NONE	Z-P

DRAFT	CHECK	EXAM.	ENG.
8-26-42 LINN	9-10-42		

OPP. HAND NONE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME BRACKET SUPPORT- WING- BOMB RELEASE PULLEY - STA. #9 & 10

SIZE A

DWG. 28W5045

R

SUPPLIES & EQUIPMENT CLASSIFICATION	[redacted]		
LET	ALTERATION	DATE	BY

$3\frac{1}{16}$ (REF)

$3\frac{1}{16}$

5/16 (REF)

L.H. PART SHOWN – MAKE FROM 28F1050-6

IDENTICAL TO 28F1050-7 EXCEPT FOR TRIM SHOWN

G91876 #91 FON

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
R	PBY5	28W5005-62L	2						
L	PBY5	28W5005-62R	2						
R	PBY-5	28W5005-61R	2						
L	PBY5	28W5005-61L	2						

REQUIREMENTS PER AIRPLANE — MAT. SO — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED: [signature] DATE: 9-7-42

CALC.WT. | ACT.WT.

SCALE FULL

AC

NAVY NOTED

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY NOTED	–	–	Z-P	9-2-42 [signature]		[signature]	[signature]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. No. WHERE SHOWN

NAME: SOCKET – WING – TORP. LOADING PLATFORM

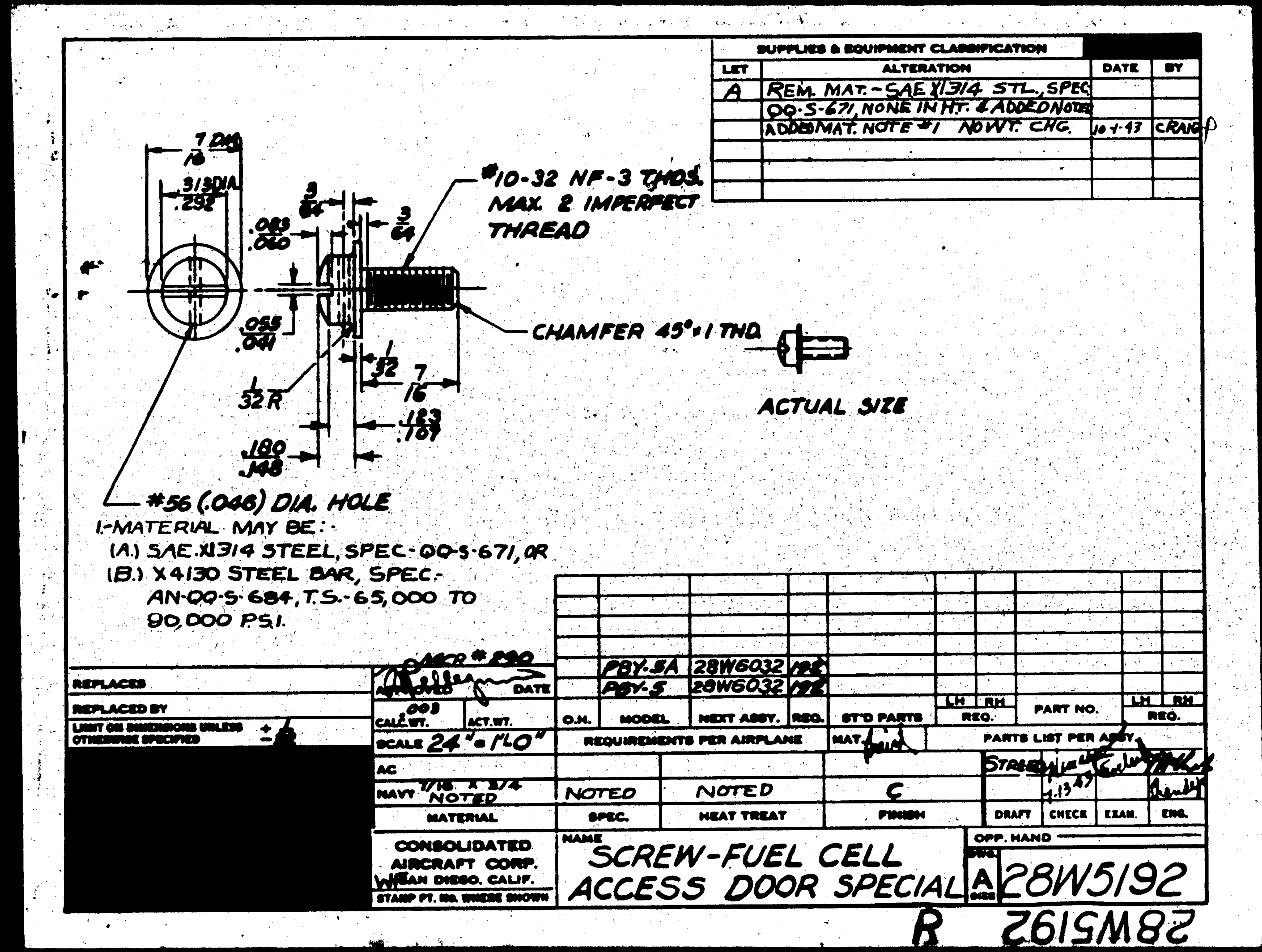
OPP. HAND –R

DWG SIZE A

28W5050

R

28W5050



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
REM. MAT.-SAE X1314 STL., SPEC QQ-S-671, NONE IN HT. & ADDED NOTES ADDED MAT. NOTE #1 NO WT. CHG.
10-1-43
CRAIG
7/16 DIA
.313 DIA
.292
3/64
3/64
.083
.060
#10-32 NF-3 THDS. MAX. 2 IMPERFECT THREAD
.055
.041
CHAMFER 45° x 1 THD.
1/32
1/32 R
7/16
.123
.107
.180
.148
ACTUAL SIZE
#56 (.046) DIA. HOLE
1-MATERIAL MAY BE:-
(A.) SAE X1314 STEEL, SPEC-QQ-S-671, OR
(B.) X4130 STEEL BAR, SPEC-AN-QQ-S-684, T.S.-65,000 TO 90,000 P.S.I.
PBY-5A
28W6032
PBY-5
28W6032
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
.003
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 24" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY 7/16 X 3/4
NOTED
NOTED
NOTED
C
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN
NAME
SCREW-FUEL CELL ACCESS DOOR SPECIAL
OPP. HAND
A
28W5192
R

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

APPROVED DATE

CALC. WT — ACT. WT

SCALE

AC

NAVY

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM	ENG.

O.H.	MODEL	NEXT ASSY	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

CONSOLIDATED VULTEE AIRCRAFT CORP.
San Diego Division
San Diego Calif.

STAMP PT No. WHERE SHOWN

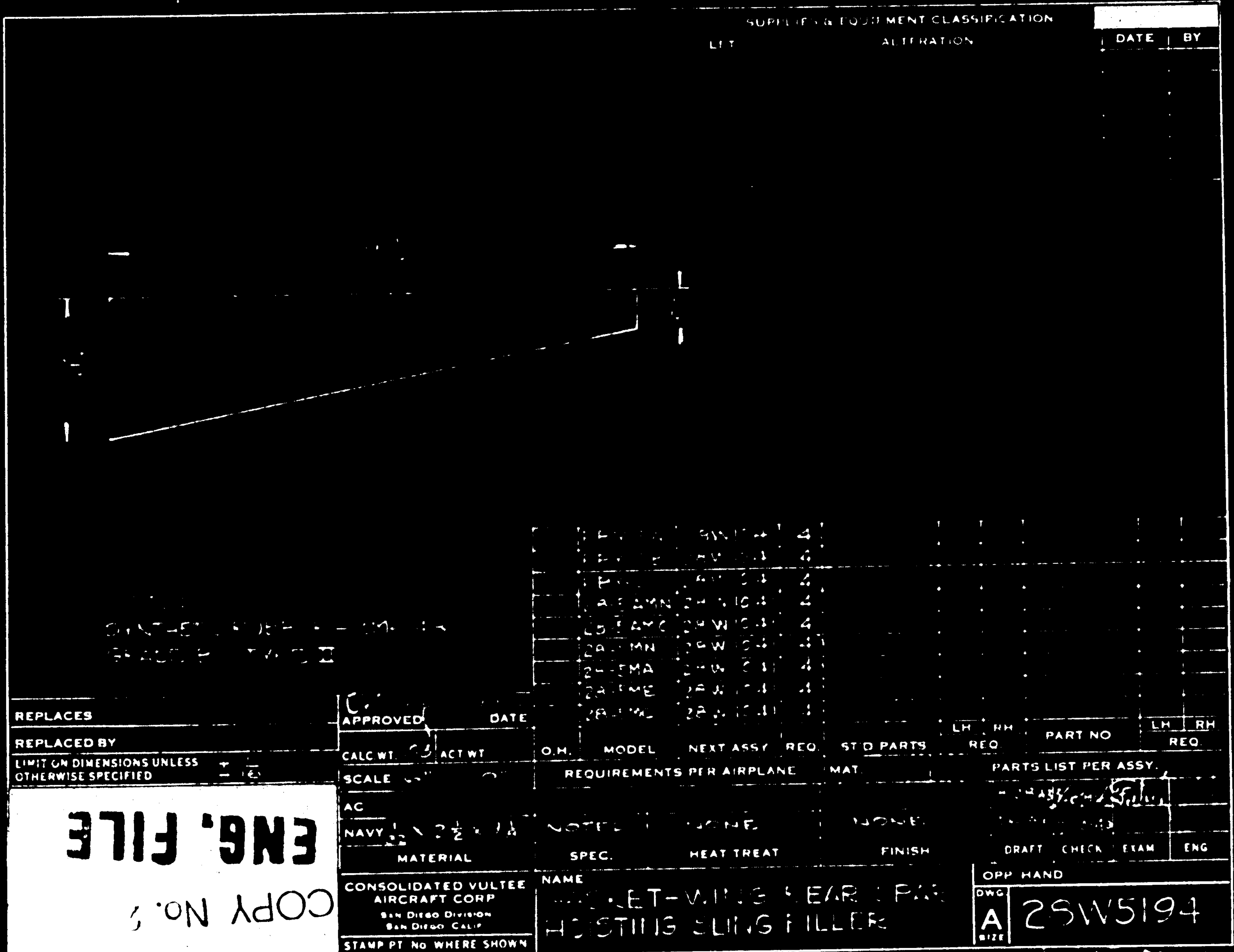
NAME GASKET - REAR SPAR

OPP HAND

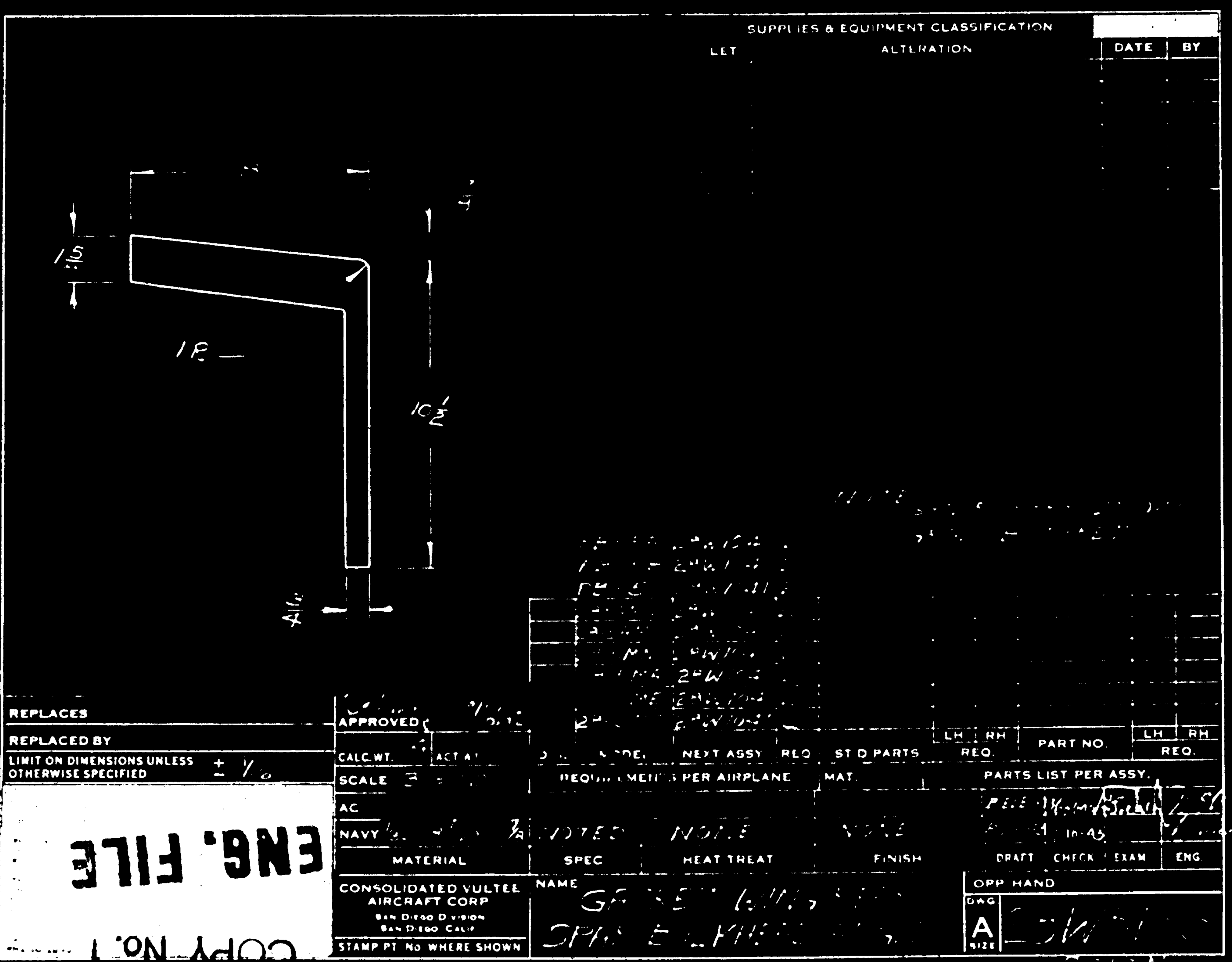
DWG SIZE A 28W5195

ENG. FILE

COPY



SUPPLIES & EQUIPMENT CLASSIFICATION
ALTERATION
DATE
BY
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
ENG. FILE
COPY No.
APPROVED
DATE
CALC WT.
ACT WT
SCALE
AC
NAVY
MATERIAL
O.H.
MODEL
NEXT ASSY
REQ.
STD PARTS
LH
RH
REQ.
PART NO
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
SPEC.
HEAT TREAT
FINISH
NONE
DRAFT
CHECK
EXAM
ENG
OPP HAND
CONSOLIDATED VULTEE AIRCRAFT CORP
San Diego Division
San Diego Calif
STAMP PT No WHERE SHOWN
NAME
HOISTING SLING FILLER
DWG
A
SIZE
28W5194



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
CALC.WT.
SCALE
AC
NAVY
MATERIAL
NONE
SPEC
NONE
HEAT TREAT
FINISH
NEXT ASSY
REQ
STD PARTS
REQ.
LH
RH
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED VULTEE AIRCRAFT CORP
San Diego Division
San Diego Calif
STAMP PT No WHERE SHOWN
NAME
OPP HAND
DWG
A
SIZE

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

SPEC:
SYN. RUBBER [illegible] TYPE II

MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
[illegible]	[illegible]	[illegible]						

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED $\pm \frac{1}{16}$

APPROVED [illegible] DATE 9/14/43

CALC.WT. | ACT.WT.

SCALE

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
[illegible]	[illegible]			[illegible]	7-10-43		

OPP. HAND

CONSOLIDATED VULTEE AIRCRAFT CORP.
San Diego Division
San Diego, Calif.

STAMP PT. No. WHERE SHOWN

NAME
GASKET-FILLER-WING REAR SPAR BULKHEAD ANGLE FILLER

DWG. A SIZE 28W5196

[illegible] 4-13-43

28W5196

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

APPROVED DATE

CALC WT ACT WT O H MODEL NEXT ASSY REQ STD PARTS LH RH REQ PART NO LH RH REQ

SCALE REQUIREMENTS PER AIRPLANE MAT PARTS LIST PER ASSY

AC

NAVY

MATERIAL SPEC HEAT TREAT FINISH DRAFT CHECK EXAM ENG

CONSOLIDATED VULTEE AIRCRAFT CORP

NAME

OPP HAND

A 2-W5197

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

NOTE: SYN RUBBER ZM-249 GRADE 5 TYPE II

O.H.	MODEL	NEXT ASSY	REQ.
	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	[illegible] B 5MA	[illegible]	[illegible]
	[illegible]	2 A W [illegible]	[illegible]
	[illegible]	[illegible]	[illegible]

REQUIREMENTS PER AIRPLANE

STD PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/16

APPROVED — DATE

CALC. WT. .01 — ACT. WT.

SCALE 1/2 = 1/2

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY 1/32 X [illegible]	NONE	NONE	[illegible]

DRAFT	CHECK	EXAM.	ENG.
[illegible]	[illegible]	[illegible]	[illegible]

CONSOLIDATED VULTEE AIRCRAFT CORP.
San Diego Division
San Diego Calif.

STAMP PT. No. WHERE SHOWN

NAME: GASKET-WING [illegible] SPAR ANGLE FILLER

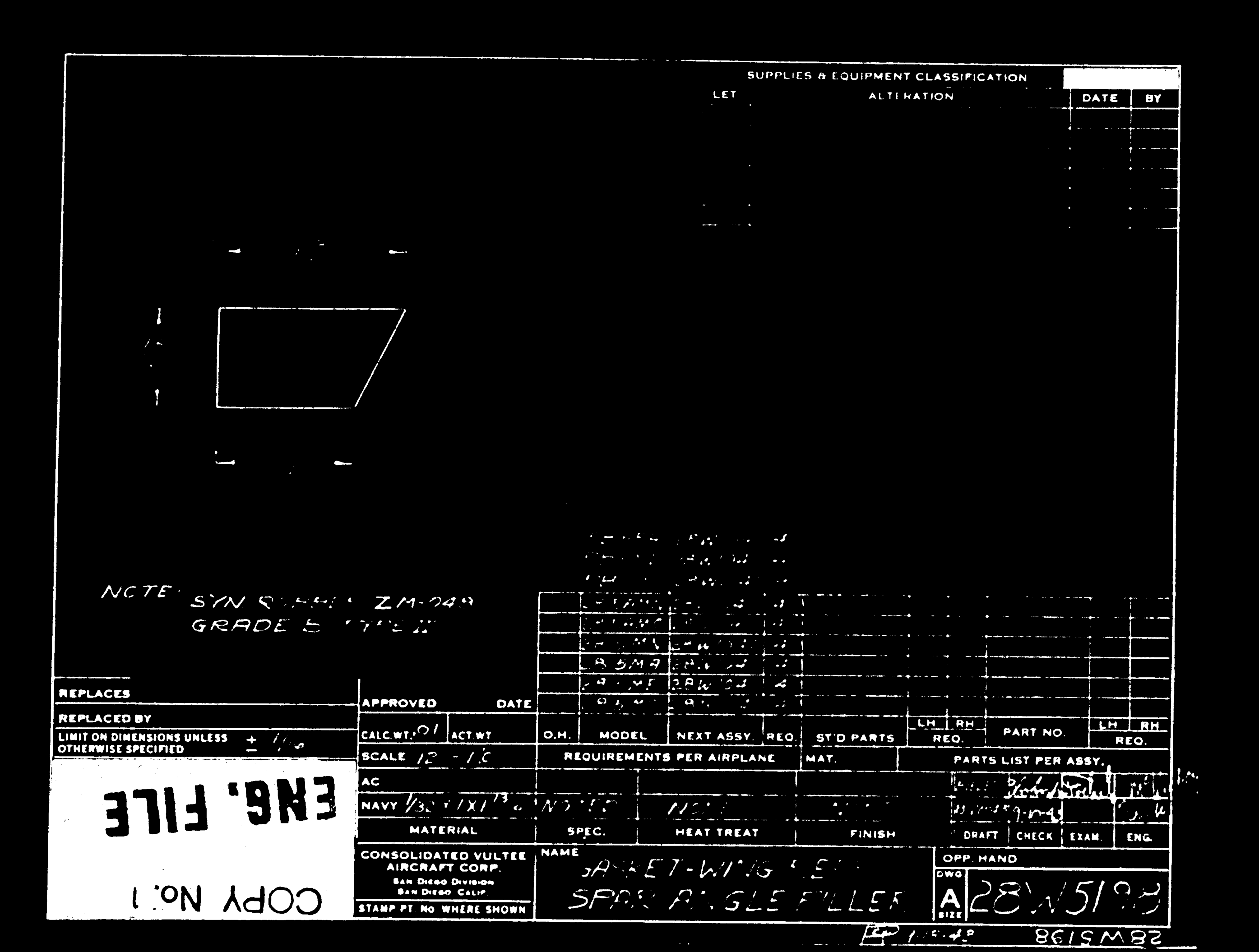
OPP. HAND

DWG SIZE A — 28W5198

ENG. FILE

COPY No. 1

28W5198



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
NOTE: SYN RUBBER ZM-049
GRADE 5 TYPE II
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/16
APPROVED
DATE
CALC.WT.
ACT.WT
SCALE
AC
NAVY
MATERIAL
SPEC.
HEAT TREAT
FINISH
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
DRAFT
CHECK
EXAM.
ENG.
ENG. FILE
COPY No. 1
CONSOLIDATED VULTEE AIRCRAFT CORP.
San Diego Division
San Diego Calif.
STAMP PT No WHERE SHOWN
NAME
SPAR ANGLE FILLER
OPP. HAND
DWG
A
SIZE
28W5198
28W5198

DATE | BY

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± —

APPROVED DATE

PART NO. | LH | RH | REQ

SCALE

PARTS LIST FOR ASSY.

AC

NAVY

MATERIAL | SPEC | HEAT TREAT | FINISH

DRAFT | CHECK | EXAM | ENG

CONSOLIDATED VULTEE AIRCRAFT CORP
San Diego Division
San Diego, Calif.

STAMP PT. NO. WHERE SHOWN

NAME [illegible]

HAND

A 25V 5/[illegible]

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

REQ	NEXT ASSY	MODEL	Q.H	STD PARTS	LH REQ	RH REQ	PART NO	LH REQ	RH REQ

REQUIREMENTS PER AIRPLANE — MAT — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± —

APPROVED — DATE

CALC WT — ACT WT

SCALE

AC

NA

MATERIAL — SPEC — HEAT TREAT — FINISH

DRAFT — CHECK — EXAM — ENG

CONSOLIDATED VULTEE AIRCRAFT CORP
San Diego Division
San Diego Calif

STAMP PT No WHERE SHOWN

NAME [illegible]

OPP HAND

DWG SIZE A — 2[illegible]

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

NOTE

REPLACES	APPROVED	DATE
REPLACED BY	CALC. WT.	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/16	SCALE	

	MATERIAL	SPEC.	HEAT TREAT	FINISH
AC				
NAVY		NOTED	NONE	NONE

O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

DRAFT	CHECK	EXAM	ENG.
9-10-43			

CONSOLIDATED VULTEE AIRCRAFT CORP.
San Diego Division
San Diego, Calif.

STAMP PT. No. WHERE SHOWN

NAME

OPP. HAND

DWG. SIZE A

ENG. FILE

1025 W 82

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

APPROVED DATE

CALC WT ACT WT O.H. MODEL NEXT ASS'Y REQ STD PARTS LH RH REQ PART NO LH RH REQ

SCALE REQUIREMENTS PER AIRPLANE MAT PARTS LIST PER ASSY

NAVY

MATERIAL HEAT TREAT FINISH

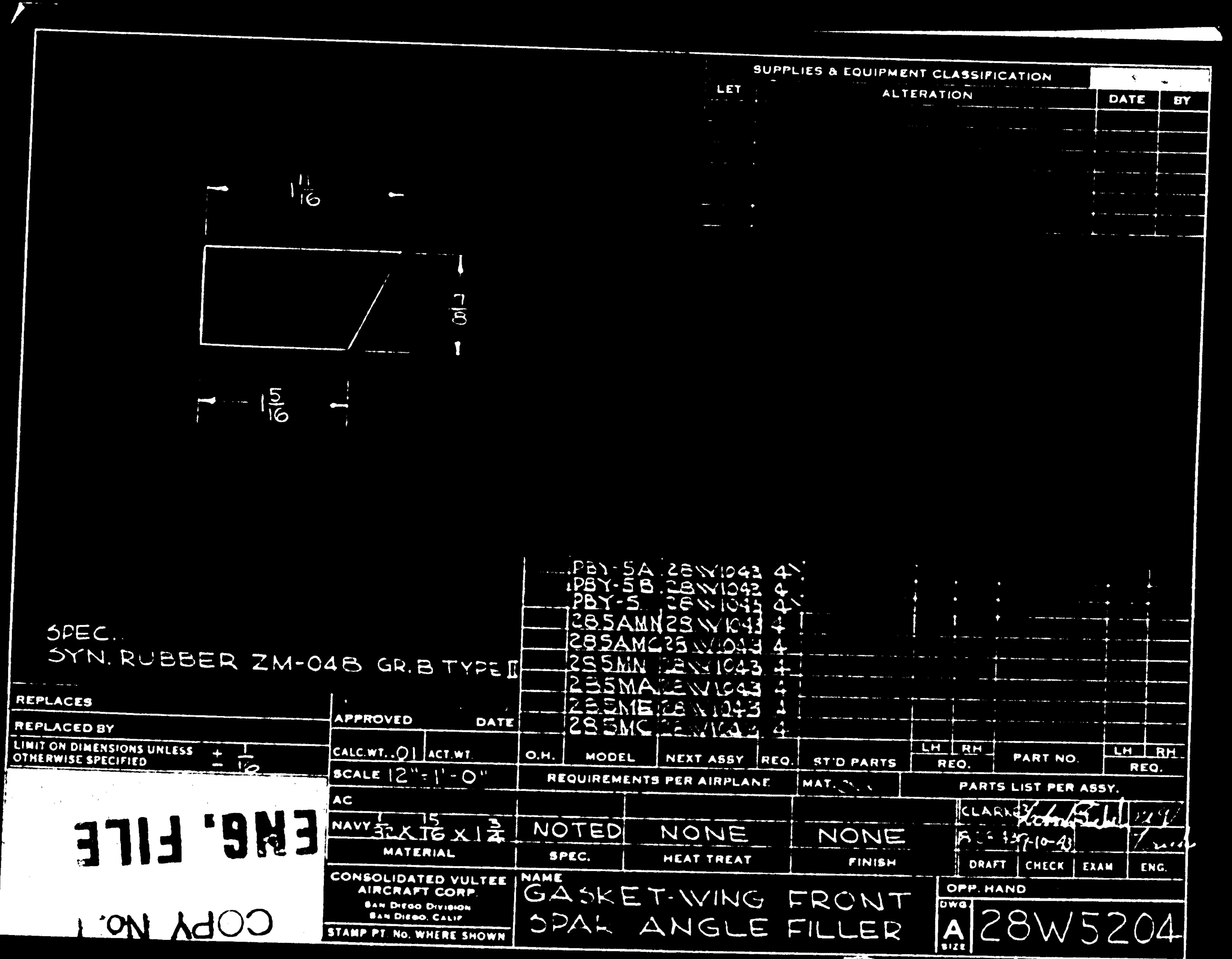
CONSOLIDATED VULTEE AIRCRAFT CORP

NAME

STAMP PT NO WHERE SHOWN

CHK HAND

A



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1 11/16
7/8
1 5/16
SPEC.
SYN. RUBBER ZM-048 GR. B TYPE II
PBY-5A 28W1043 4
PBY-5B 28W1043 4
PBY-5 28W1043 4
28-5AMN 28W1043 4
28-5AMC 28W1043 4
28-5MN 28W1043 4
28-5MA 28W1043 4
28-5ME 28W1043 4
28-5MC 28W1043 4
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/16
APPROVED
DATE
CALC. WT. .01
ACT. WT.
SCALE 12" = 1'-0"
O.H.
MODEL
NEXT ASSY
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY 1/32 X 15/16 X 1 3/4
MATERIAL
NOTED
SPEC.
NONE
HEAT TREAT
NONE
FINISH
CLARK
DRAFT
CHECK
EXAM
ENG.
ENG. FILE
COPY NO. 1
CONSOLIDATED VULTEE AIRCRAFT CORP.
SAN DIEGO DIVISION
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME
GASKET-WING FRONT SPAR ANGLE FILLER
OPP. HAND
DWG.
A
SIZE
28W5204

DATE BY

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

APPROVED DATE

SCALE

AC

NAVY

MATERIAL SPEC HEAT TREAT FINISH

PARTS LIST PER ASSY

LH RH

REQ

ENG

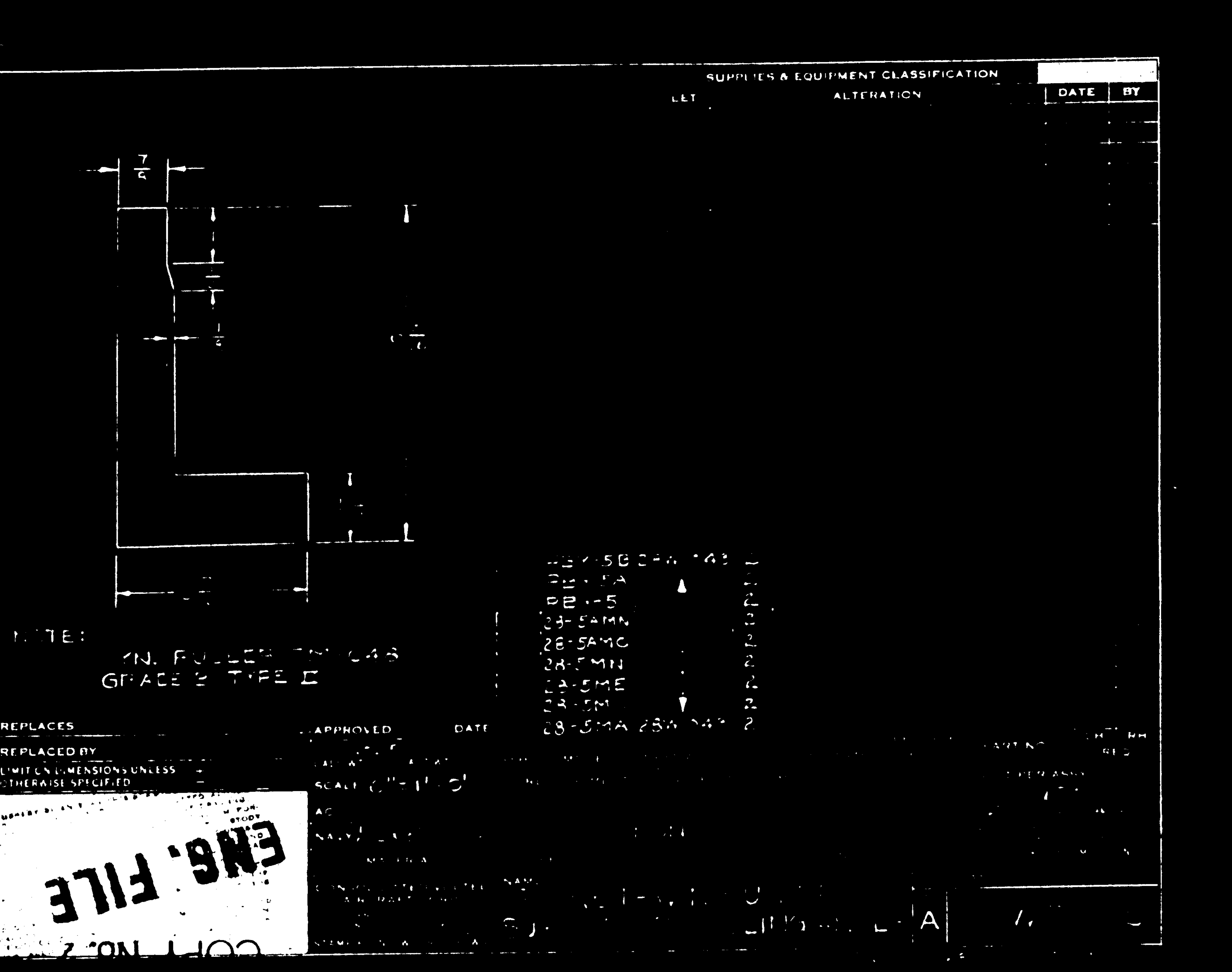
CONSOLIDATED VULTEE AIRCRAFT CORP

STAMP PT NO WHERE SHOWN

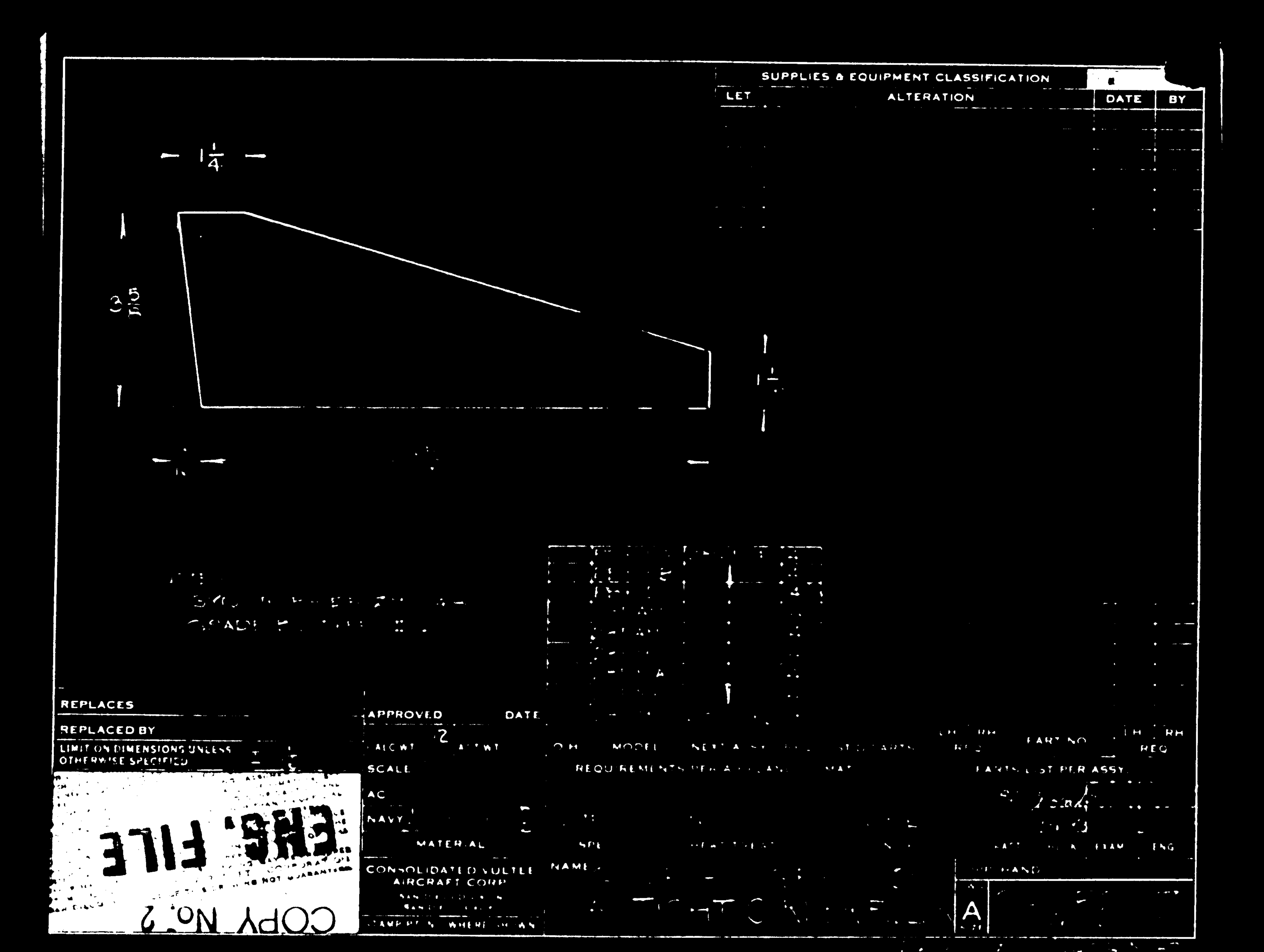
NAME

HAND

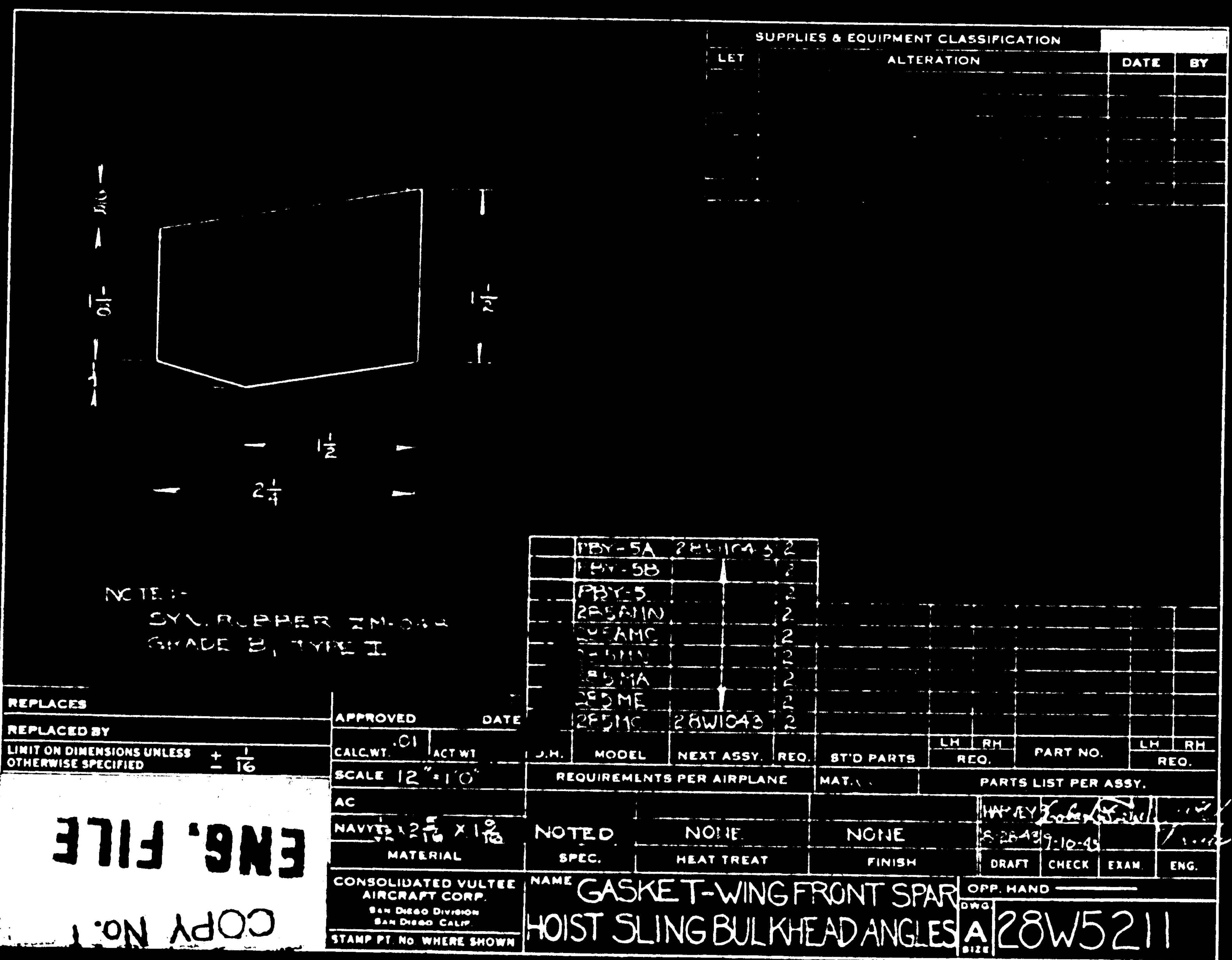
A



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
ENG. FILE



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
$1\frac{1}{4}$
$3\frac{5}{16}$
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
SCALE
AC
NAVY
MATERIAL
CONSOLIDATED VULTEE AIRCRAFT CORP.
NAME
A
ENG. FILE
COPY No. 2



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
1 1/2
2 1/4
1 1/2
NOTE:-
SYN. RUBBER
GRADE B, TYPE I
PBY-5A
28W1043
PBY-5B
PBY-5
28W1043
2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/16
APPROVED
DATE
CALC.WT. .01
ACT WT
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12" = 1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
NOTED
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
ENG. FILE
COPY NO.
CONSOLIDATED VULTEE AIRCRAFT CORP.
San Diego Division
San Diego Calif.
STAMP PT. No. WHERE SHOWN
NAME GASKET-WING FRONT SPAR HOIST SLING BULKHEAD ANGLES
OPP. HAND
DWG. A SIZE
28W5211

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY

2 7/16

10 1/16

5/16

SPEC.:
SYN. RUBBER ZM-04F CL B TYPE II

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28W1043	4
	PBY-5B	28W1043	4
	PBY-5	28W1043	4
	28-5AMN	28W[illegible]	4
	28-5AMC	28[illegible]	[illegible]
	28-5MN	[illegible]43	4
	28-5MA	28W1043	4
	28-5ME	28W1043	4
	28-5MC	28W1043	4

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/16

APPROVED — DATE

CALC. WT. .03 — ACT. WT.

SCALE

AC

NAVY 5/32 x 2 7/16 x 10 1/16

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY 5/32 x 2 7/16 x 10 1/16	NOTED	NONE	NONE

DRAFT	CHECK	EXAM	ENG.
[illegible]	[illegible]		

ENG. FILE

COPY No. 2

CONSOLIDATED VULTEE AIRCRAFT CORP.
San Diego Division
San Diego, Calif.

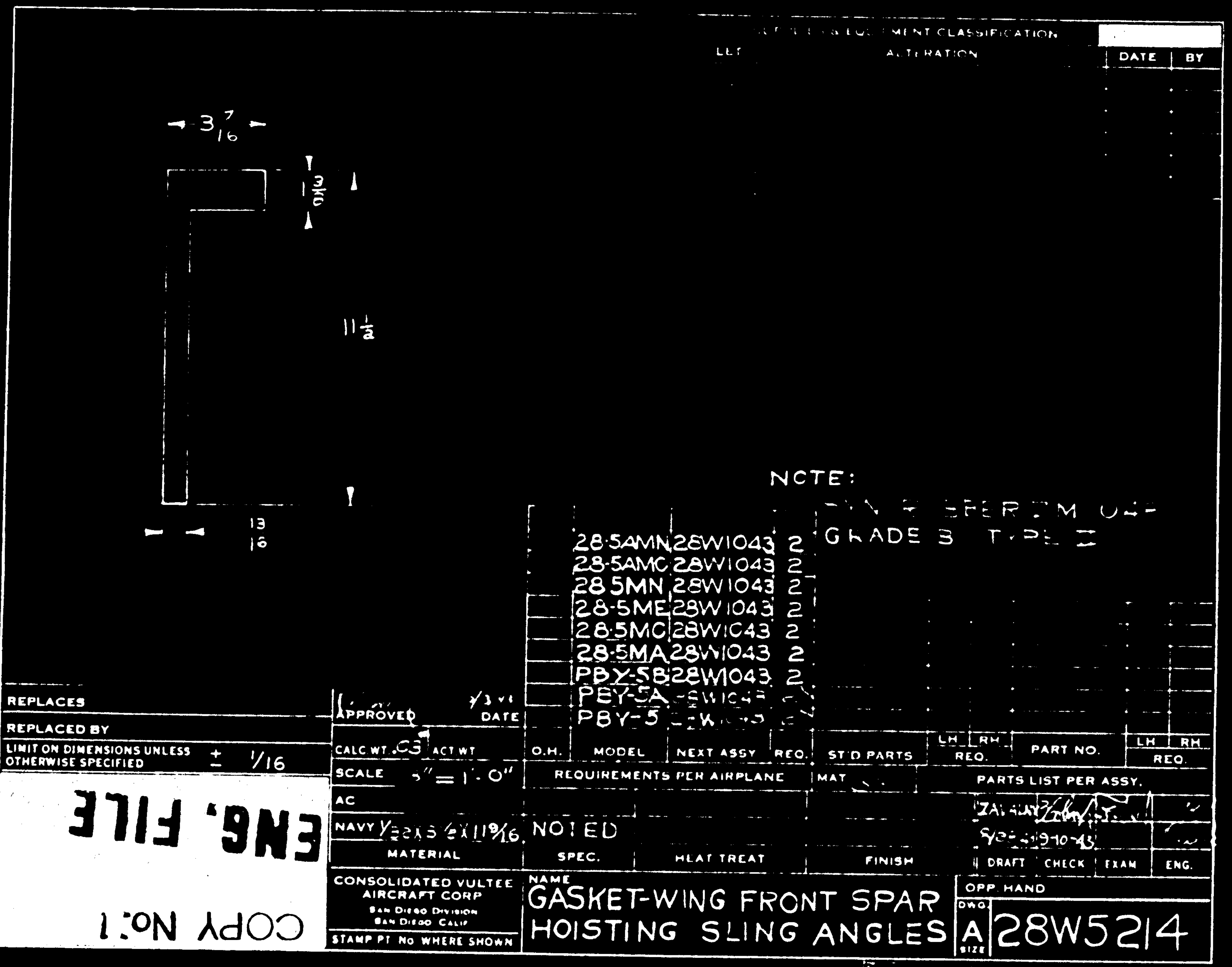
STAMP PT. No. WHERE SHOWN

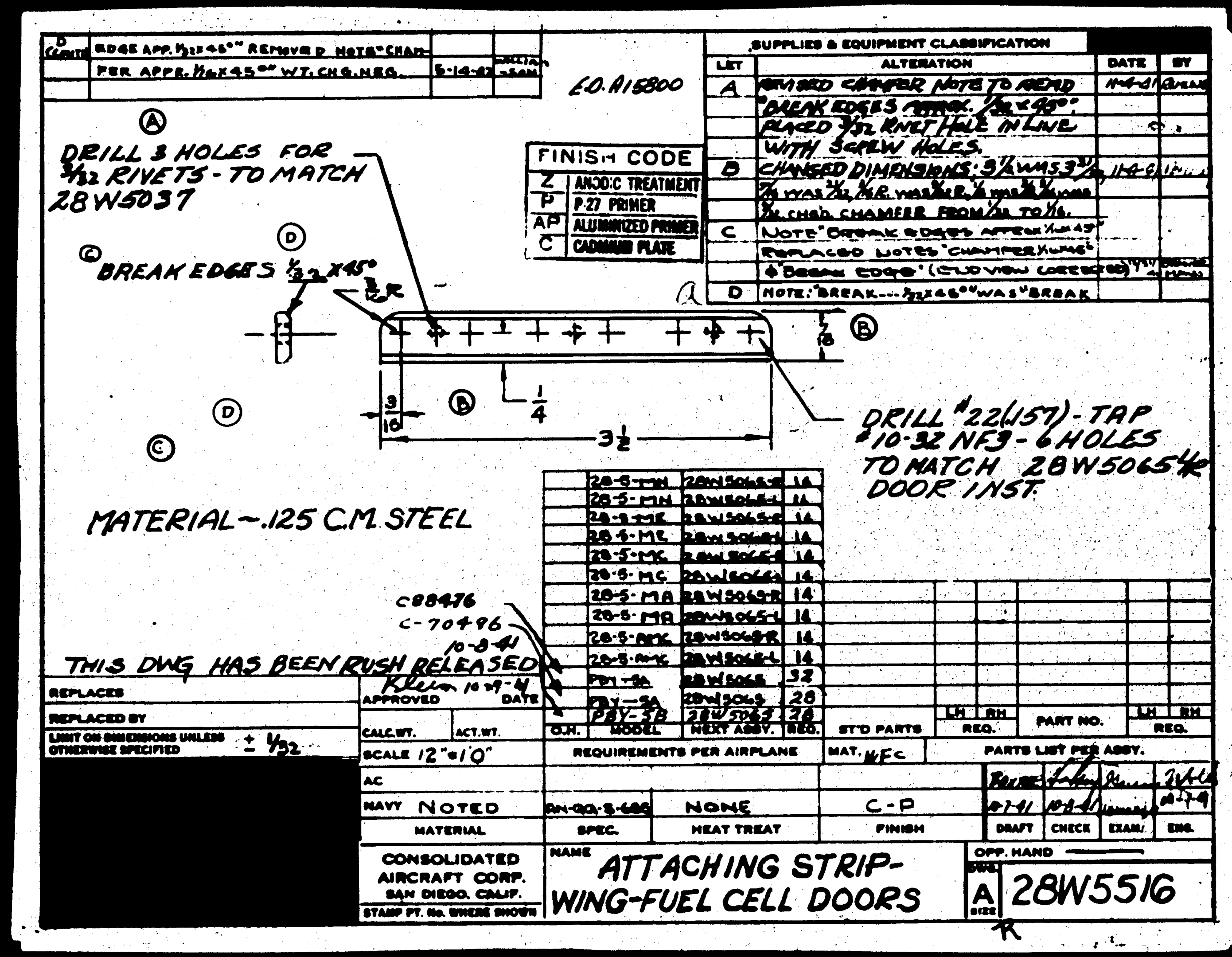
NAME: GASKET - WING FRONT SPAR HOIST SLING F[illegible]

OPP HAND

DWG A SIZE 28W5213

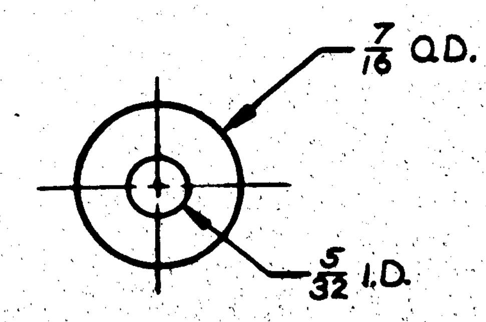
[illegible] 28W5213


EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
3 7/16
1 3/16
11 1/2
13/16
NOTE:
GRADE B
28-5AMN 28W1043 2
28-5AMC 28W1043 2
28-5MN 28W1043 2
28-5ME 28W1043 2
28-5MC 28W1043 2
28-5MA 28W1043 2
PBY-5B 28W1043 2
PBY-5A
PBY-5
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/16
APPROVED
DATE
CALC WT .03
ACT WT
SCALE 3" = 1'-0"
O.H.
MODEL
NEXT ASSY
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT
PARTS LIST PER ASSY.
AC
NAVY
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
ENG. FILE
COPY No. 1
CONSOLIDATED VULTEE AIRCRAFT CORP
San Diego Division
San Diego Calif
STAMP PT No WHERE SHOWN
NAME
GASKET-WING FRONT SPAR
HOISTING SLING ANGLES
OPP. HAND
DWG.
A
SIZE
28W5214



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
E.O. A15800
DRILL 3 HOLES FOR 3/32 RIVETS - TO MATCH 28W5037
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
BREAK EDGES 1/32 X 45°
3/16
1/4
3 1/2
7/16
DRILL #22(.157) - TAP #10-32 NF3 - 6 HOLES TO MATCH 28W5065 L/R DOOR INST.
MATERIAL ~ .125 C.M. STEEL
C88476
C-70496
10-8-41
THIS DWG HAS BEEN RUSH RELEASED
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED
DATE
CALC. WT.
ACT. WT.
SCALE 12" = 1'0"
AC
NAVY NOTED
AN-QQ-S-686
NONE
C-P
MATERIAL
SPEC.
HEAT TREAT
FINISH
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
PART NO.
REQUIREMENTS PER AIRPLANE
MAT. WFC
PARTS LIST PER ASSY.
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN
NAME ATTACHING STRIP-WING-FUEL CELL DOORS
OPP. HAND
A 28W5516

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY



*NOTE:
FOR MCR #290 REQ./AIRPLANE ARE 576. FOR SPARES ON AIRPLANES BUILT PRIOR TO MCR #290 REQ/AIRPLANE ARE 640.

MATERIAL:
1/32 x 5/8 x 5/8 SYN. RUBBER SHT.
SPEC.
ZM-048 TYPE II GRADE B

MCR #290

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5A	28W6032	*						
	PBY-5	28W6032	*						

REQUIREMENTS PER AIRPLANE — MAT. [illegible] — PARTS LIST PER ASSY.

REPLACES	28W6032-6
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32

APPROVED [illegible] DATE 7-28-43
.0002 CALC. WT. — ACT. WT.
SCALE 24" = 1'-0"
AC
NAVY

MATERIAL	SPEC.	HEAT TREAT	FINISH
NOTED	NOTED	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
[illegible] 6-25-43	[illegible] 7-23-43		[illegible]

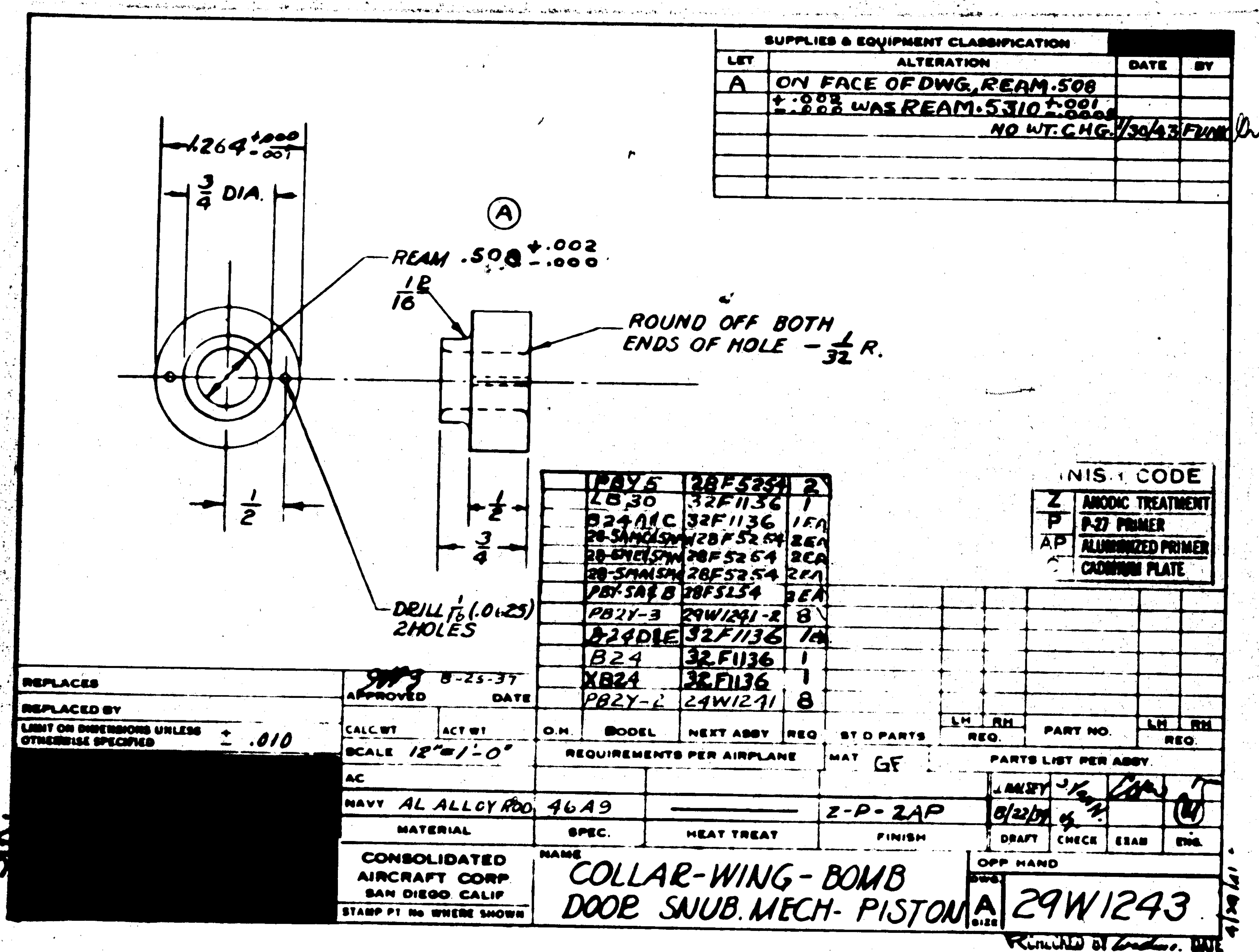
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. No. WHERE SHOWN

NAME WASHER – SPECIAL WING ACCESS DOOR

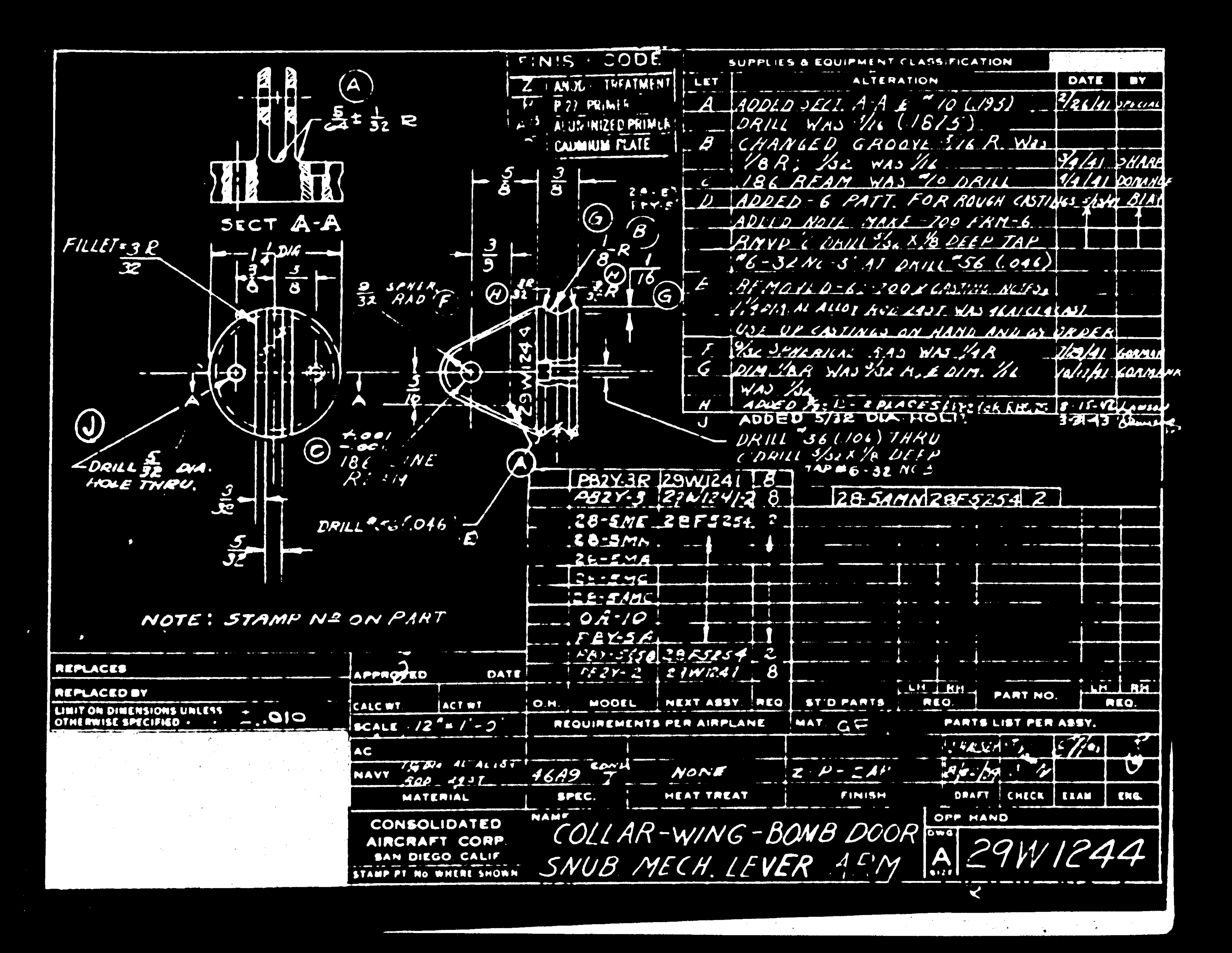
OPP. HAND NONE

DWG. SIZE A — 28W5519

R 28W5519



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
ON FACE OF DWG, REAM .508 +.002 -.000 WAS REAM .5310 +.001 -.0005
NO WT. CHG.
1/30/43
1.264 +.000 -.001
3/4 DIA.
(A)
REAM .508 +.002 -.000
1/16 R
ROUND OFF BOTH ENDS OF HOLE - 1/32 R.
1/2
1/2
3/4
DRILL 1/16 (.0625) 2 HOLES
PBY5
28F5254
2
LB30
32F1136
1
B24A1C
32F1136
1EA
28-5AM1/5AN
28F5254
2EA
28-5ME/5AN
28F5254
2EA
28-5MA/5A
28F5254
2EA
PBY-5A&B
28F5254
2EA
PB2Y-3
29W1241-2
8
B24D1E
32F1136
1EA
B24
32F1136
1
XB24
32F1136
1
PB2Y-2
24W1241
8
FINISH CODE
Z
ANODIC TREATMENT
P
P-27 PRIMER
AP
ALUMINIZED PRIMER
CADMIUM PLATE
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010
8-25-37
APPROVED
DATE
CALC WT
ACT WT
O.H.
MODEL
NEXT ASSY
REQ
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT GF
PARTS LIST PER ASSY.
AC
NAVY AL ALLOY ROD
46A9
Z-P-2AP
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF
STAMP PT No WHERE SHOWN
NAME
COLLAR-WING-BOMB DOOR SNUB. MECH- PISTON
OPP HAND
DWG.
A
SIZE
29W1243



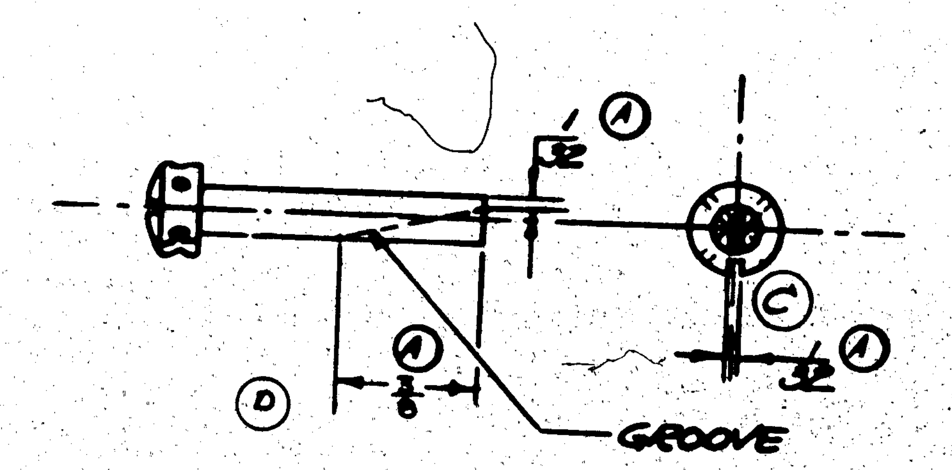
FINISH CODE
Z ANOD. TREATMENT
P 27 PRIMER
ALUMINIZED PRIMER
CADMIUM PLATE
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A ADDED SECT. A-A
DRILL WAS 1/16 (.1875)
B CHANGED GROOVE 3/16 R. WAS 1/8 R; 1/32 WAS 1/16
C .186 REAM WAS #10 DRILL
D ADDED -6 PATT. FOR ROUGH CASTINGS
E REMOVED -6
USE UP CASTINGS ON HAND AND ON ORDER
F 9/32 SPHERICAL RAD WAS 1/4 R
G DIM 1/8 R WAS 3/32
WAS 1/32
J ADDED 5/32 DIA. HOLE
SECT A-A
FILLET = 3/32 R
1 1/4 DIA
DRILL 5/32 DIA. HOLE THRU.
9/32 SPHER. RAD
.186 LINE REAM
DRILL #56 (.046)
29W1244
DRILL #36 (.106) THRU
NOTE: STAMP No ON PART
PB2Y-3R 29W1241 8
PB2Y-3 29W1241-2 8
28-5ME 28F5254 2
28-5MN
28-5MA
28-5MC
28-5AMC
OA-10
PBY-5A
PBY-5 28F5254 2
PB2Y-2 29W1241 8
28-5AMN 28F5254 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
APPROVED
DATE
CALC WT.
ACT WT
O.H.
MODEL
NEXT ASSY.
REQ
STD PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
SCALE 12" = 1'-0"
MAT. GF
AC
NAVY
46A9
NONE
Z-P-CAP
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO CALIF
STAMP PT No WHERE SHOWN
NAME
COLLAR-WING-BOMB DOOR SNUB MECH. LEVER ARM
OPP HAND
DWG SIZE A
29W1244

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	ADDED DIMENSIONS TO GROOVE	9-5-40	[illegible]
B	CHANGED NAF 210517-C12 TO NAF 210517-12	2-10-41	[illegible]
C	1/32 SLOT TO CONTINUE THRU HEAD AS SHOWN	9-5-41	[illegible]
D	DIM. 3/8 WAS 5/8. WT. CHG. NEG.	9-28-4[illegible]	FUNK

(D) E.O.A. 58054 A

SAME AS NAF 210517-12
EXCEPT FOR GROOVE.



FINISH CODE

Z	ANOD C TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A & B	28F5254	2EA
	PB2Y-3	29W1241-2	8
	PB2Y-2	29W1241	8

REQUIREMENTS PER AIRPLANE

ST'D PARTS — REQ. LH / RH — PART NO. — REQ. LH / RH

MAT. GF — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

APPROVED [illegible] DATE 2/13/40

CALC. WT. — ACT. WT.

SCALE 24" = 1'-0"

AC

NAVY NOTED

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY NOTED	—	—	C

DRAFT	CHECK	EXAM.	ENG.
[illegible] 2/3/40		[illegible] "	[illegible]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

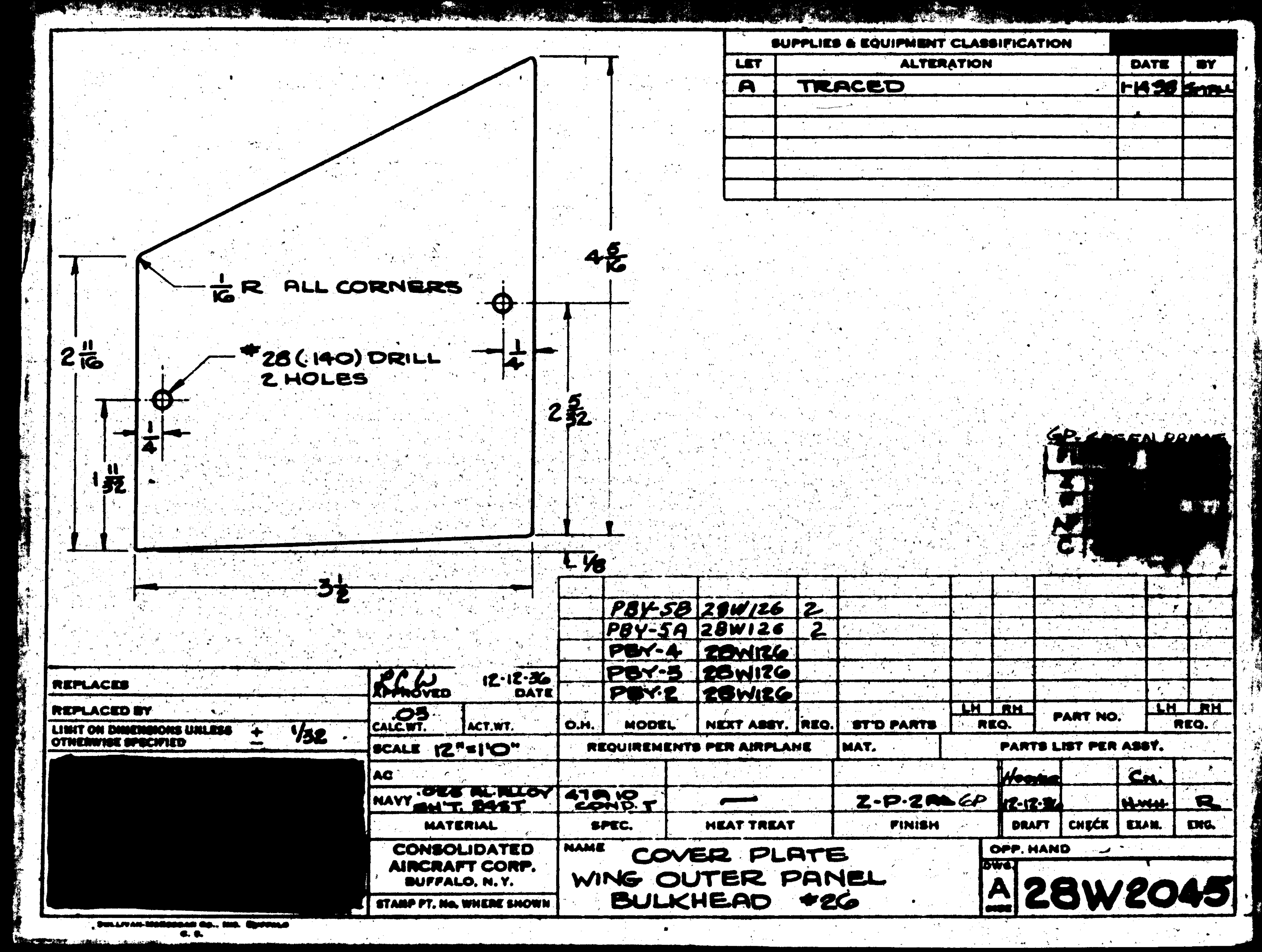
STAMP PT. No. WHERE SHOWN

NAME SCREW-BOMB DOORS SNUBBING MECH-ADJ.

OPP. HAND —

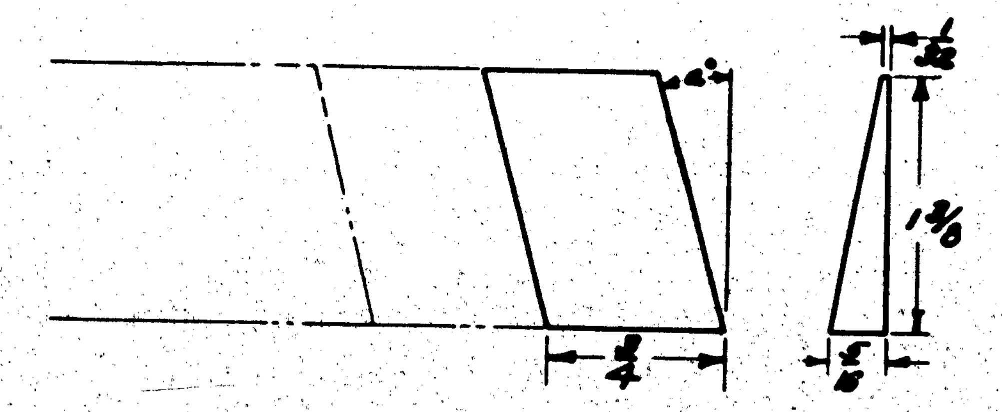
SIZE A — DWG. 29W1346

R.



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED
1/16 R ALL CORNERS
#28 (.140) DRILL
2 HOLES
4 5/16
2 11/16
1/4
1/4
2 5/32
1 11/32
1/8
3 1/2
GP. GREEN PRIME
[redacted]
PBY-5B 28W126 2
PBY-5A 28W126 2
PBY-4 28W126
PBY-3 28W126
PBY-2 28W126
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
RCW APPROVED 12-12-36 DATE
.05 CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
SCALE 12"=1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY .025 AL. ALLOY SH'T. 24ST
47A10 COND. T
Z-P-2 GP
12-12-36
R
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME COVER PLATE
WING OUTER PANEL
BULKHEAD #26
OPP. HAND
DWG. SIZE A
28W2045

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	11-3-37	[illegible]



DASH NO.	a	O.H.
-2	10°	-3
-4	25°	-5

[redacted] C

ALCO DIE K14642

O.H.	MODEL	NEXT ASSY.	REQ.
23A45	PBY-3	28W103-81	
"	PBY-3	28W103-80	
"	PBY-3	28W103-5	
"	PBY-3	28W103-4	
"	PBY-5A	SEE B.M.	
"	PBY-2	28W103-81	
"	PBY-2	28W103-80	
"	PBY-2	28W103-6	
23A45	PBY-2	28W103-4	

O.H.	MODEL	NEXT ASSY.
23A45	PBY-4	28W103-106
"	"	" -107
"	"	" -108
"	"	" -109

PBY-5B SEE B.M.

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH	REQ. LH	REQ. RH	REQ. LH	REQ. RH	REQ. LH	REQ. RH	REQ. LH	REQ. RH

MAT. | PARTS LIST PER ASSY.

REPLACES	APPROVED: [redacted]	DATE: 11-3-37
REPLACED BY	CALC. WT.: .008	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −	SCALE	

[redacted]

	MATERIAL	SPEC.	HEAT TREAT	FINISH
A C				
NAVY	AL ALLOY BAR 24ST COND T	46A9	NONE	Z

DRAFT	CHECK	EXAM.	ENG.
NELSON 5-18-37	McDaniel 11-3-37	[illegible]	

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

STAMP PT. NO. WHERE SHOWN

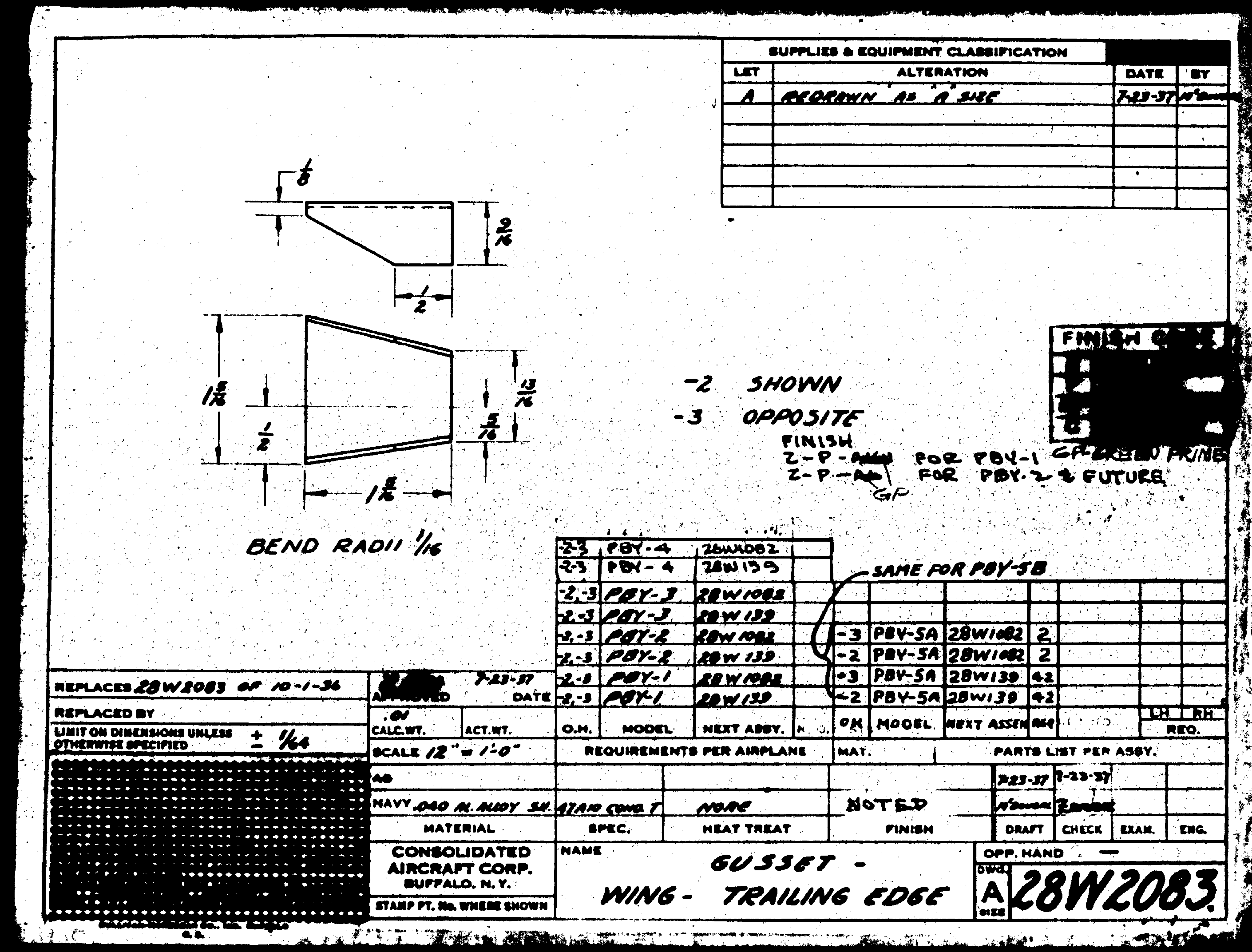
NAME: SHIM - WING BULKHEAD

OPP. HAND

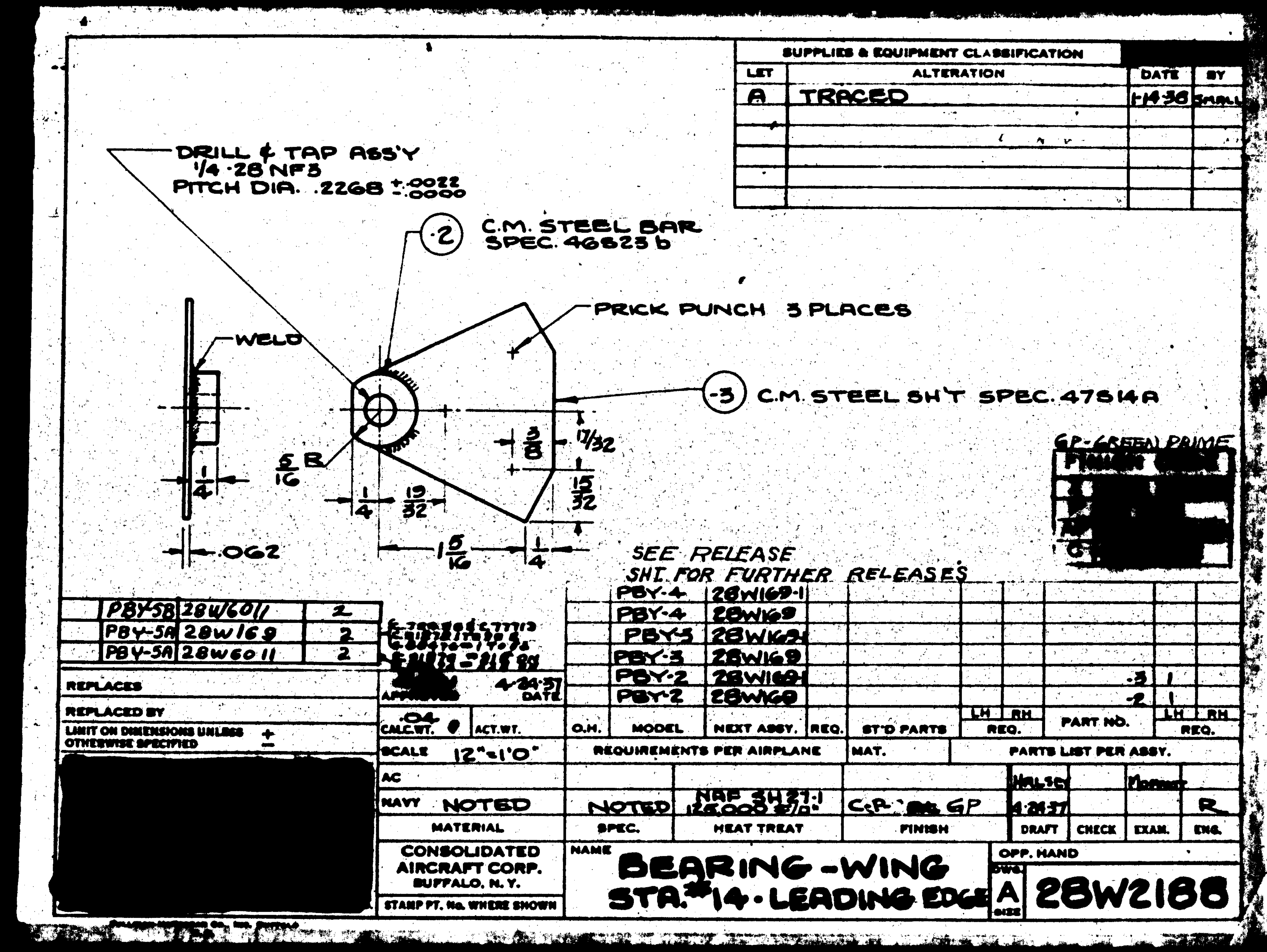
DWG. SIZE A

28W2070

PRINTED ON "IMPERIAL" TRACING CLOTH
[illegible]



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
REDRAWN AS "A" SIZE
7-23-37
1/8
9/16
1/2
1 5/16
1/2
13/16
5/16
1 5/16
BEND RADII 1/16
-2 SHOWN
-3 OPPOSITE
FINISH
Z-P-AN FOR PBY-1 GREEN PRIME
Z-P-AN FOR PBY-2 & FUTURE
GP
SAME FOR PBY-5B
-2-3 PBY-4 28W1082
-2-3 PBY-4 28W139
-2,-3 PBY-3 28W1082
-2,-3 PBY-3 28W139
-2,-3 PBY-2 28W1082
-2,-3 PBY-2 28W139
-2,-3 PBY-1 28W1082
-2,-3 PBY-1 28W139
-3 PBY-5A 28W1082 2
-2 PBY-5A 28W1082 2
-3 PBY-5A 28W139 42
-2 PBY-5A 28W139 42
O.H.
MODEL
NEXT ASSY.
OH
MODEL
NEXT ASSEM
REQ
LH
RH
REQ.
REPLACES 28W2083 OF 10-1-36
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
7-23-37
APPROVED
DATE
.01
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY .040 AL. ALLOY SH. 47A10 COND. T
NONE
NOTED
7-23-37
7-23-37
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET -
WING - TRAILING EDGE
OPP. HAND —
DWG.
A
SIZE
28W2083.



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 1-14-38 | SMALL
DRILL & TAP ASS'Y
1/4-28 NF3
PITCH DIA. .2268 +.0022 -.0000
-2 C.M. STEEL BAR SPEC. 46823 b
PRICK PUNCH 3 PLACES
WELD
-3 C.M. STEEL SH'T SPEC. 47814A
5/16 R
3/8
17/32
15/32
1/4
1/4
19/32
1 5/16
1/4
.062
GP-GREEN PRIME
SEE RELEASE SHT FOR FURTHER RELEASES
PBY-5B 28W6011 2
PBY-5A 28W169 2
PBY-5A 28W6011 2
PBY-4 28W169-1
PBY-4 28W169
PBY-5 28W169-1
PBY-3 28W169
PBY-2 28W169-1 -3 1
PBY-2 28W169 -2 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + −
APPROVED 4-24-37 DATE
.04 CALC.WT.
ACT.WT.
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS LH RH REQ. PART NO. LH RH REQ.
SCALE 12"=1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NAF 3421-1 125,000 #/□"
C.P. GP
HALSEY
4-24-37
R
MATERIAL SPEC. HEAT TREAT FINISH DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
BEARING-WING STA. #14 - LEADING EDGE
OPP. HAND
DWG. A SIZE
28W2188

[redacted]

LET	ALTERATION	DATE	BY
A	ON FACE OF DWG. REMOVED NOTE "MAKE FROM ZEE NO M1073 ALCOA DIE Nº K13686" (IN B/M FOR L/R REPLACED "K13686 X 11 3/8, 24ST. EXT. 46A9-T," WITH "Y-36-A1SRT X 11 3/8." 80% AIR/REQTS. TO DATE: (WT. CHG. NEG.)	4-30-41	NOBLE

1 3/16

11 1/4

GP-GREEN PRIME

FINIS. CODE	
Z	[illegible]
F	FZ PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

S.O. 927-545

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-L	28-5MA	28A2008	2
-L	PBY-5A	28A2008	2
L	PBY-5	28A2008	2
L	PBY-4	28A2008	2
L	PBY-3	28A2008	2
L	PBY-2	28A2008	2
R	PBY-1	28A1008	1
L	PBY-1	28A1008	1

REQUIREMENTS PER AIRPLANE

REPLACED — .14 CALC. WT.

REPLACED BY — ACT. WT.

LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART NO.	STOCK	MATERIAL	SPEC.	-0 LH REQ.	-0 RH REQ.	-2 LH REQ.	-2 RH REQ.	-3 LH REQ.	-3 RH REQ.	-4 LH REQ.	-4 RH REQ.	-5 LH REQ.	-5 RH REQ.
-R	Y-36-A1SRT X 11 3/8				1								
-L	Y-36-A1SRT X 11 3/8			1									

PARTS LIST PER ASSY.

A C			BILLING						
NAVY	NONE	Z-P-2AL	10-9-39			11/23/39	11/29/39		
HEAT TREAT		FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

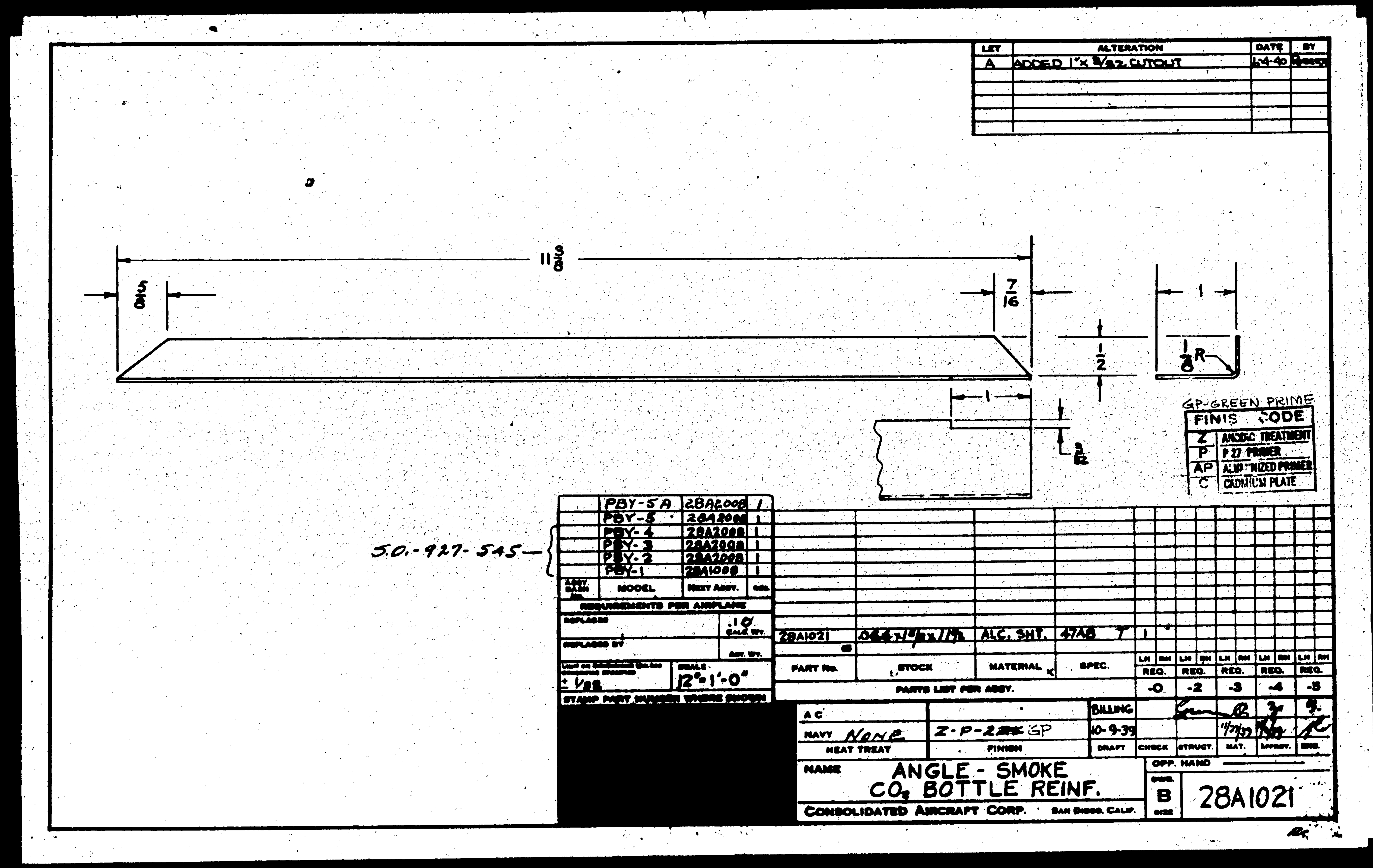
NAME ZEE - SMOKE CO_2 BOTTLE SUPT.

OPP. HAND 28A1020-R

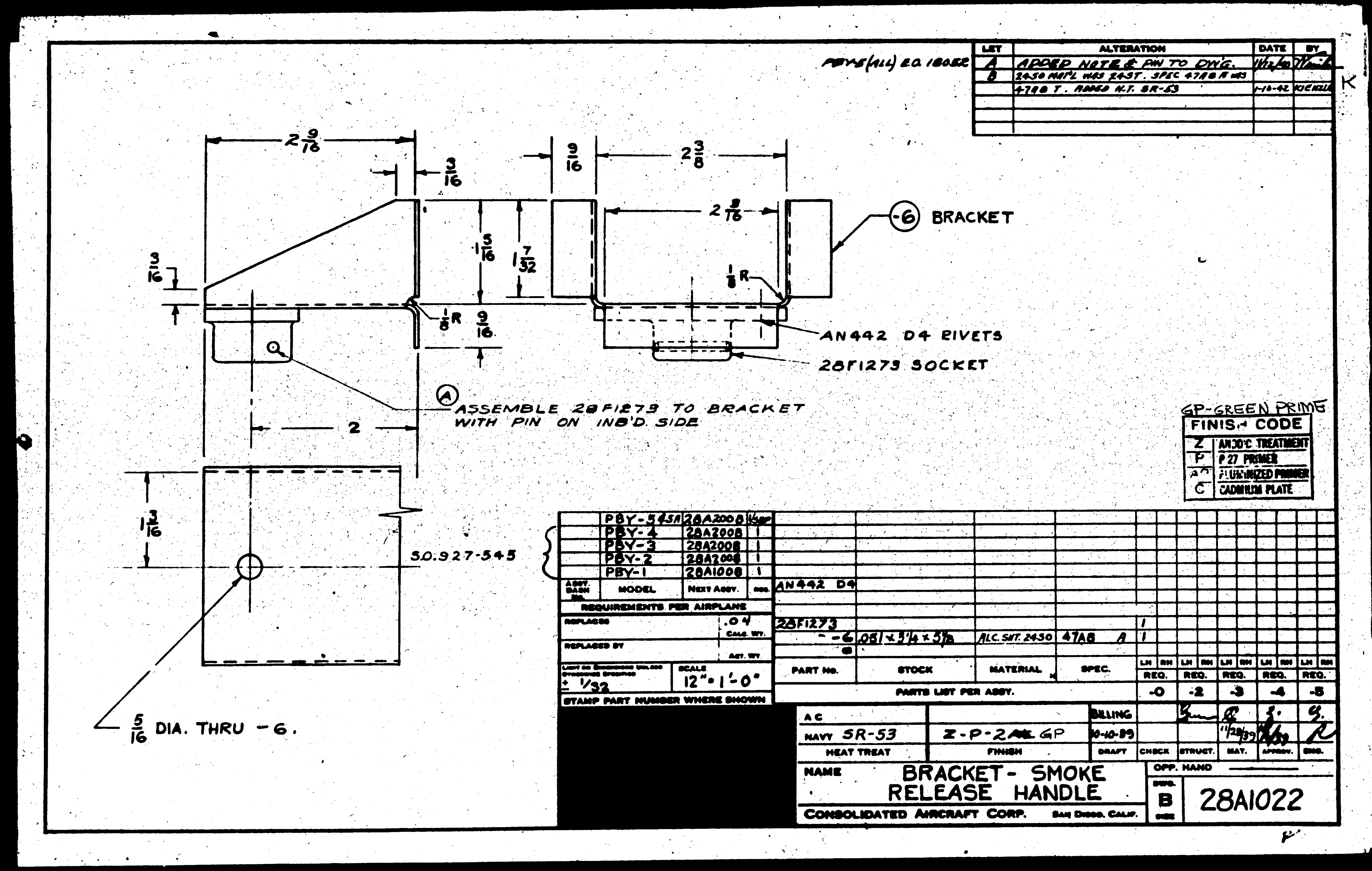
DWG. SIZE B — 28A1020

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

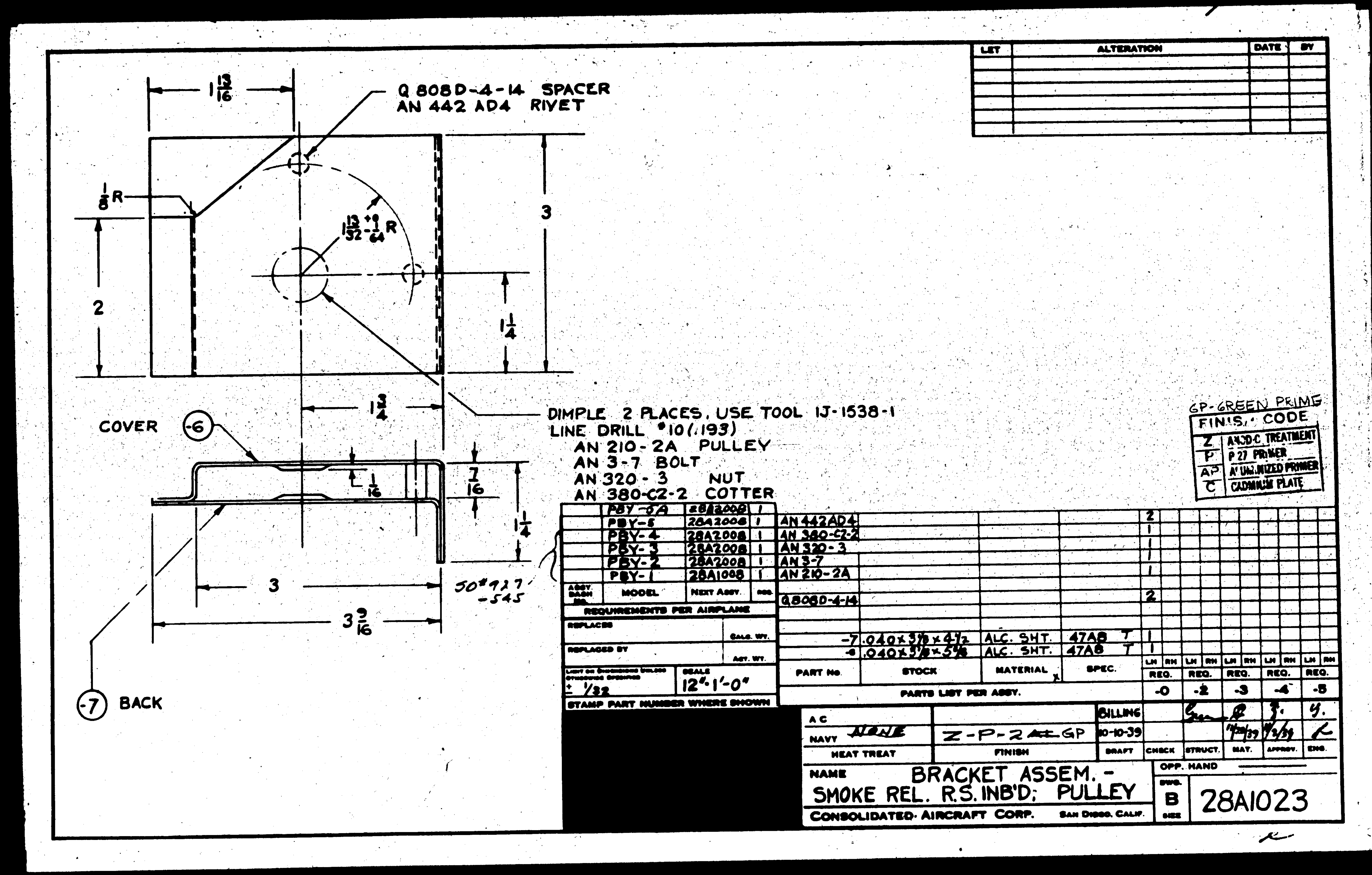
L.H. SHOWN
R.H. OPPOSITE

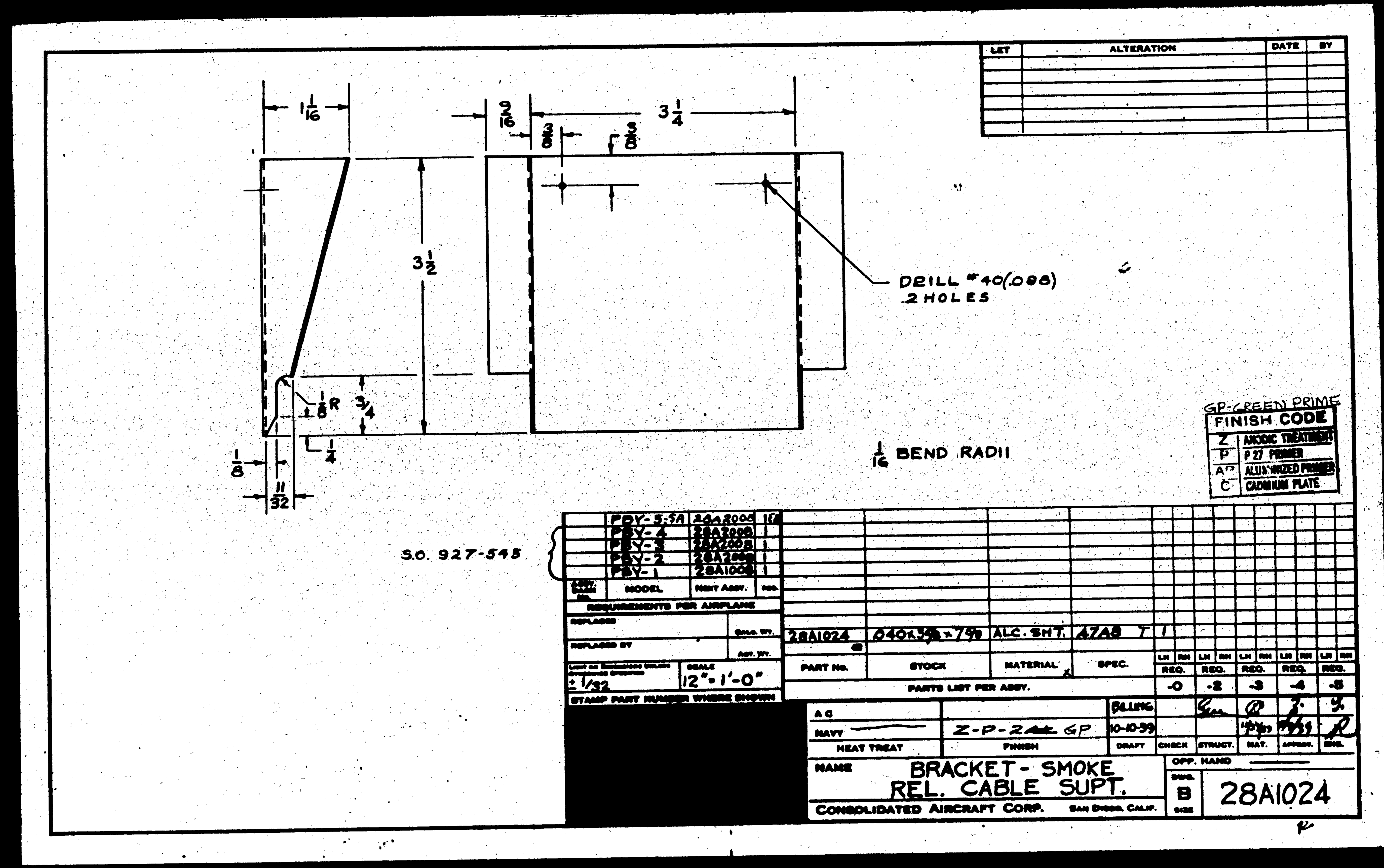


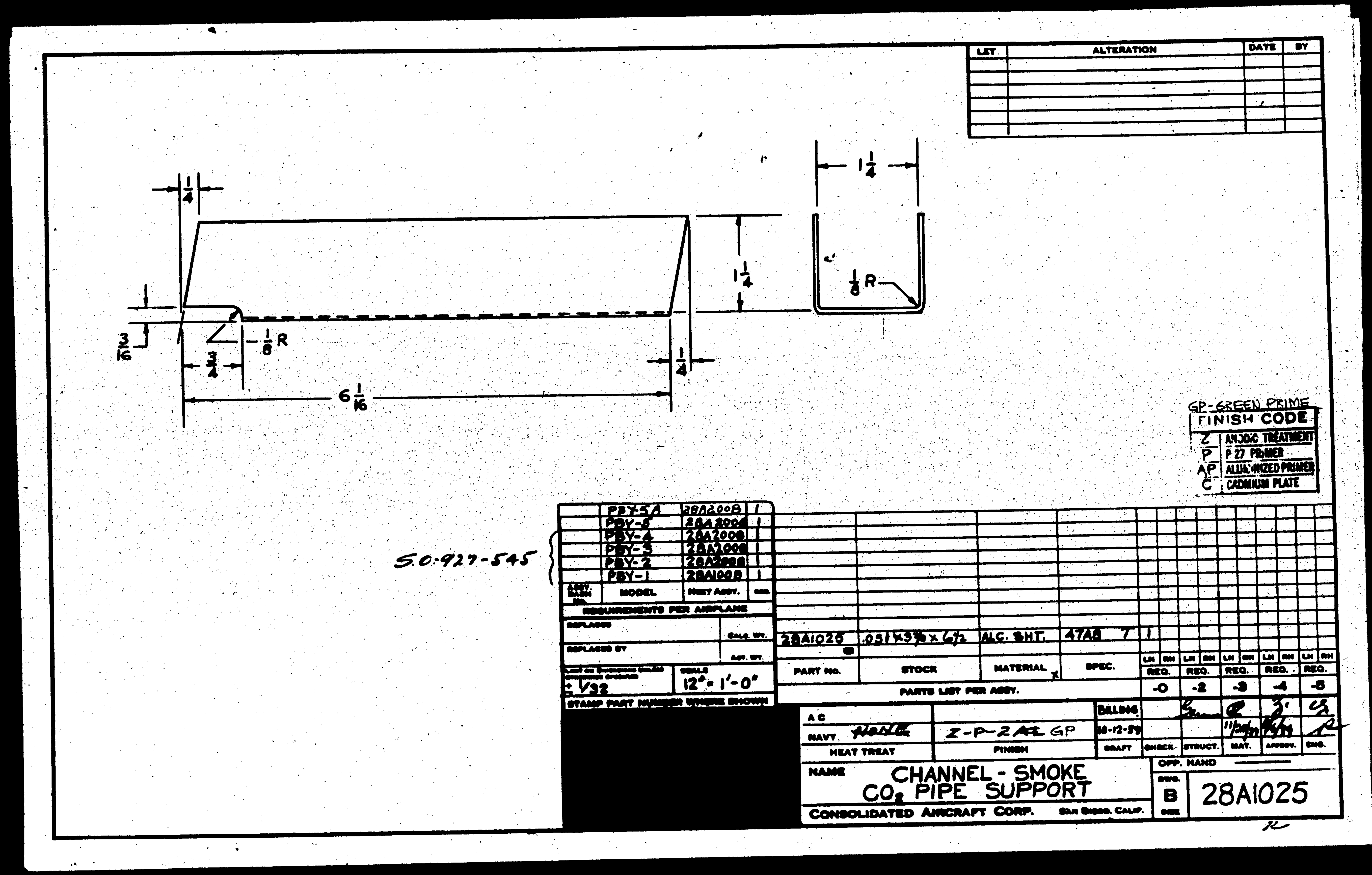
LET
ALTERATION
DATE
BY
A
ADDED 1" x 3/32 CUTOUT
11 3/8
5/8
7/16
1
1/2
1/8 R
1
3/32
GP-GREEN PRIME
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
C CADMIUM PLATE
5.0.-927-545
PBY-5A 28A2008 1
PBY-5 28A2008 1
PBY-4 28A2008 1
PBY-3 28A2008 1
PBY-2 28A2008 1
PBY-1 28A1008 1
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES
.10
CALC. WT.
REPLACED BY
ACT. WT.
± 1/32
SCALE
12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN
28A1021
ALC. SHT.
PART No.
STOCK
MATERIAL
SPEC.
REQ.
-0
-2
-3
-4
-5
PARTS LIST PER ASSY.
AC
NAVY NONE
Z-P-2 GP
HEAT TREAT
FINISH
BILLING
10-9-39
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME
ANGLE - SMOKE
CO2 BOTTLE REINF.
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
B
28A1021



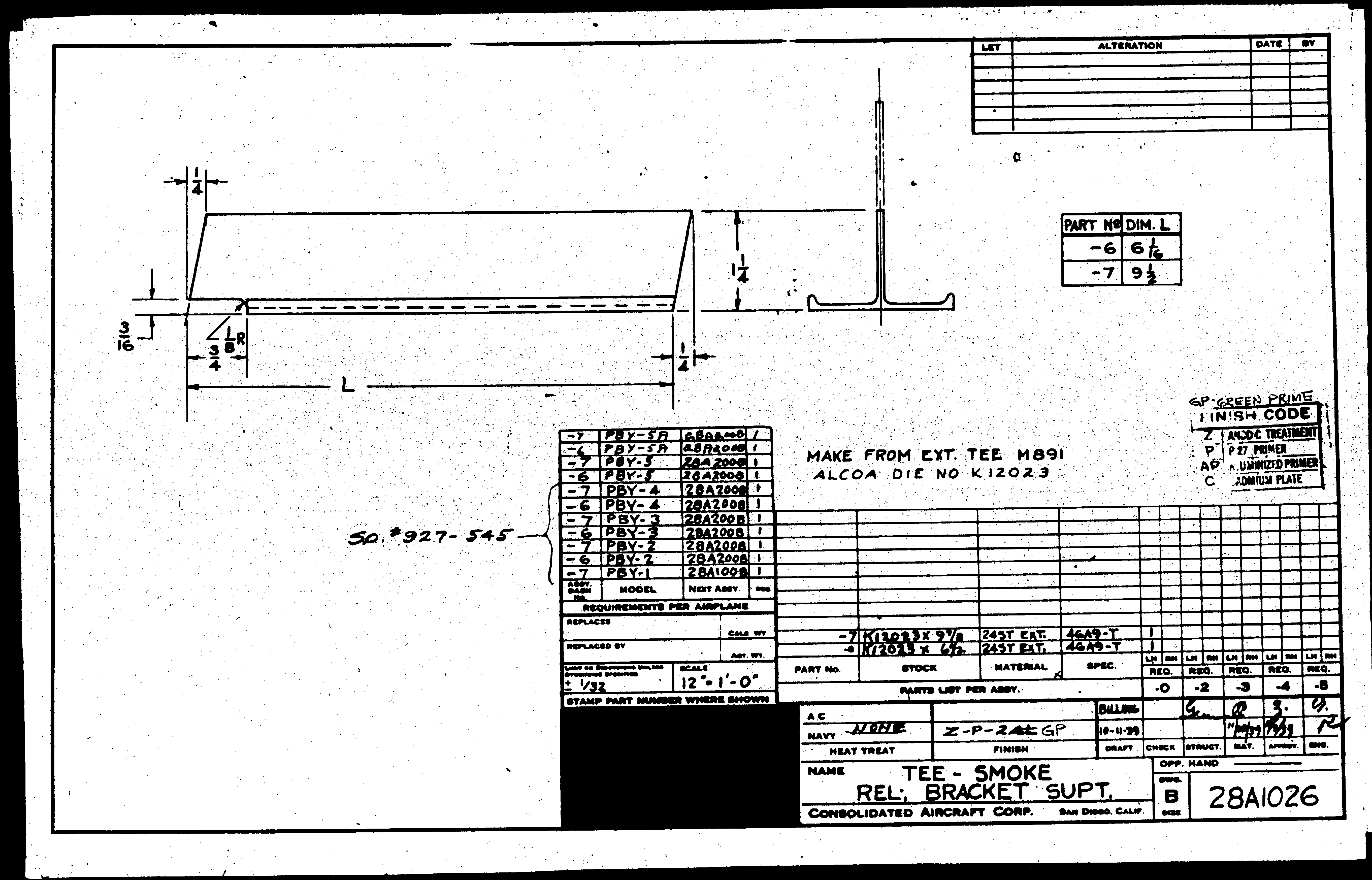
LET | ALTERATION | DATE | BY
A | ADDED NOTE & PIN TO DWG.
B | 2450 MAT'L WAS 24ST. SPEC 47A8 A WAS 4788 T. ADDED H.T. SR-53 | 1-10-42
K
2 9/16
3/16
9/16
2 3/8
2 9/16
-6 BRACKET
3/16
1 5/16
1 7/32
1/8 R
1/8 R
9/16
AN442 D4 RIVETS
28F1273 SOCKET
A
ASSEMBLE 28F1273 TO BRACKET WITH PIN ON INB'D SIDE
2
1 3/16
SO.927-545
5/16 DIA. THRU -6.
GP-GREEN PRIME
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
CADMIUM PLATE
PBY-5 28A2008
PBY-4 28A2008 1
PBY-3 28A2008 1
PBY-2 28A2008 1
PBY-1 28A1008 1
ASSY. DASH NO. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
.04 CALC. WT.
REPLACED BY
ACT. WT.
SCALE 12" = 1'-0"
± 1/32
STAMP PART NUMBER WHERE SHOWN
AN442 D4
28F1273
-6 .081 x 3 1/4 x 5 1/8 ALC. SHT. 2450 47A8 A 1
PART NO. | STOCK | MATERIAL | SPEC.
PARTS LIST PER ASSY.
LH RH REQ. -0 -2 -3 -4 -5
AC
NAVY SR-53
HEAT TREAT
Z-P-2 GP
FINISH
BILLING
10-10-39
DRAFT CHECK STRUCT. MAT. APPROV. ENG.
OPP. HAND
NAME BRACKET - SMOKE RELEASE HANDLE
DWG. SIZE B
28A1022
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.


LET
ALTERATION
DATE
BY
Q 808D-4-14 SPACER
AN 442 AD4 RIVET
1 13/16
1/8 R
1 13/32 +1/64 -1/64 R
3
2
1 1/4
1 3/4
DIMPLE 2 PLACES, USE TOOL 1J-1538-1
LINE DRILL #10 (.193)
AN 210-2A PULLEY
AN 3-7 BOLT
AN 320-3 NUT
AN 380-C2-2 COTTER
COVER
-6
1/16
7/16
1 1/4
3
3 9/16
-7
BACK
GP-GREEN PRIME
FINIS. CODE
Z ANOD. TREATMENT
P P 27 PRIMER
AP A'LUMINIZED PRIMER
C CADMIUM PLATE
PBY-5A 28A2008 1
PBY-5 28A2008 1
PBY-4 28A2008 1
PBY-3 28A2008 1
PBY-2 28A2008 1
PBY-1 28A1008 1
ASSY. DASH NO.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
AN 442AD4 2
AN 380-C2-2 1
AN 320-3 1
AN 3-7 1
AN 210-2A 1
Q808D-4-14 2
-7 .040×3 1/8×4 1/2 ALC. SHT. 47A8 T 1
-6 .040×3 1/8×5 1/8 ALC. SHT. 47A8 T 1
PART No.
STOCK
MATERIAL
SPEC.
PARTS LIST PER ASSY.
LH RH LH RH LH RH LH RH LH RH
REQ. REQ. REQ. REQ. REQ.
-0 -2 -3 -4 -5
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
SCALE
12"-1'-0"
± 1/32
STAMP PART NUMBER WHERE SHOWN
50#727 -545
A C
NAVY NONE
HEAT TREAT
Z-P-2 GP
FINISH
BILLING
10-10-39
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME
BRACKET ASSEM. -
SMOKE REL. R.S. INB'D; PULLEY
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
DWG. SIZE
B
28A1023

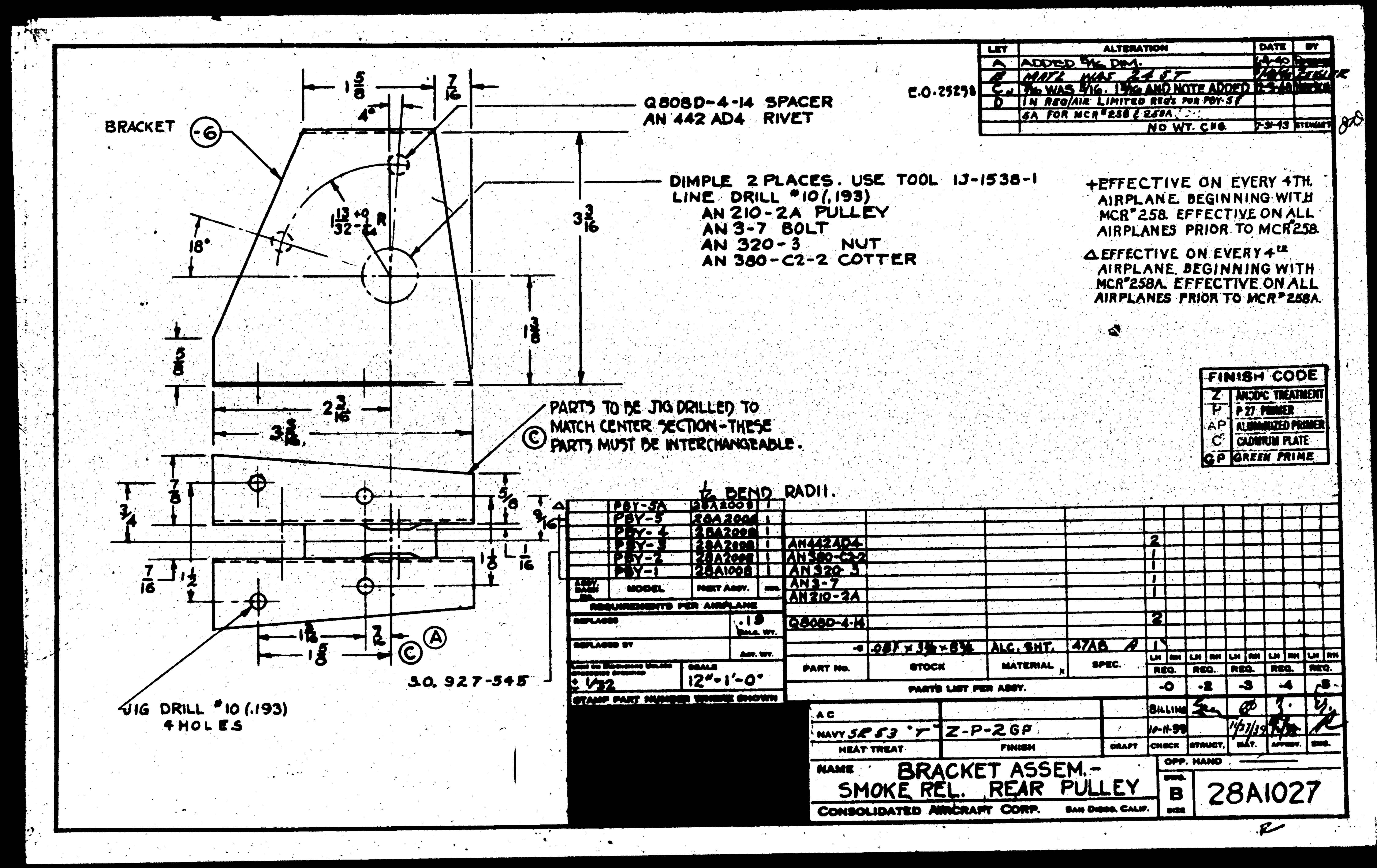

LET
ALTERATION
DATE
BY
1 1/16
9/16
3 1/4
3/8
3/8
3 1/2
1/8 R
3/4
1/4
1/8
11/32
DRILL #40(.098)
2 HOLES
1/16 BEND RADII
GP-GREEN PRIME
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
S.O. 927-545
PBY-5-5A 28A2006 1EA
PBY-4 28A2008 1
PBY-3 28A2008 1
PBY-2 28A2008 1
PBY-1 28A1008 1
ASSY. DASH NO.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
SCALE
± 1/32
12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN
28A1024 .040x3 5/8x7 5/8 ALC. SHT. 47A8 T 1
PART No.
STOCK
MATERIAL
SPEC.
LH RH LH RH LH RH LH RH LH RH
REQ. REQ. REQ. REQ. REQ.
PARTS LIST PER ASSY.
-0 -2 -3 -4 -5
AC
NAVY
HEAT TREAT
Z-P-2 GP
FINISH
BILLING
10-10-39
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
NAME
BRACKET - SMOKE REL. CABLE SUPT.
OPP. HAND
DWG. SIZE
B
28A1024
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.



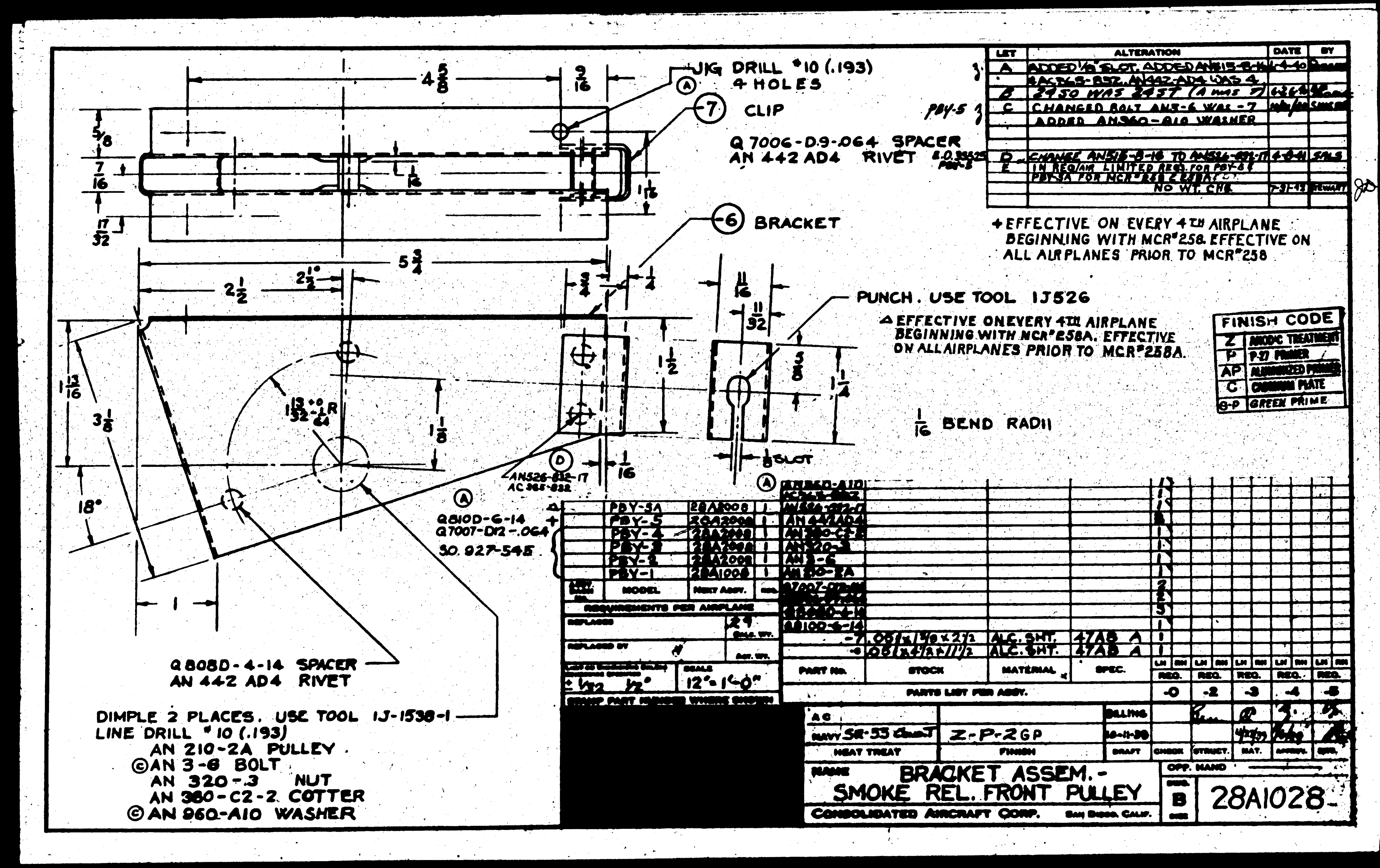
LET
ALTERATION
DATE
BY
1/4
1 1/4
1 1/4
1/8 R
3/16
1/8 R
3/4
1/4
6 1/16
GP-GREEN PRIME
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
S.O.927-545
PBY-5A 28A2008 1
PBY-5 28A2008 1
PBY-4 28A2008 1
PBY-3 28A2008 1
PBY-2 28A2008 1
PBY-1 28A1008 1
ASSY. DASH No.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
± 1/32
SCALE
12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN
28A1025 .051x3 3/8x6 1/2 ALC. SHT. 47A8 7 1
PART No.
STOCK
MATERIAL
SPEC.
LH RH LH RH LH RH LH RH LH RH
REQ. REQ. REQ. REQ. REQ.
-0 -2 -3 -4 -5
PARTS LIST PER ASSY.
A C
NAVY NONE
HEAT TREAT
Z-P-2 GP
FINISH
BILLING
10-12-39
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME
CHANNEL - SMOKE
CO_2 PIPE SUPPORT
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
DWG. SIZE B
28A1025



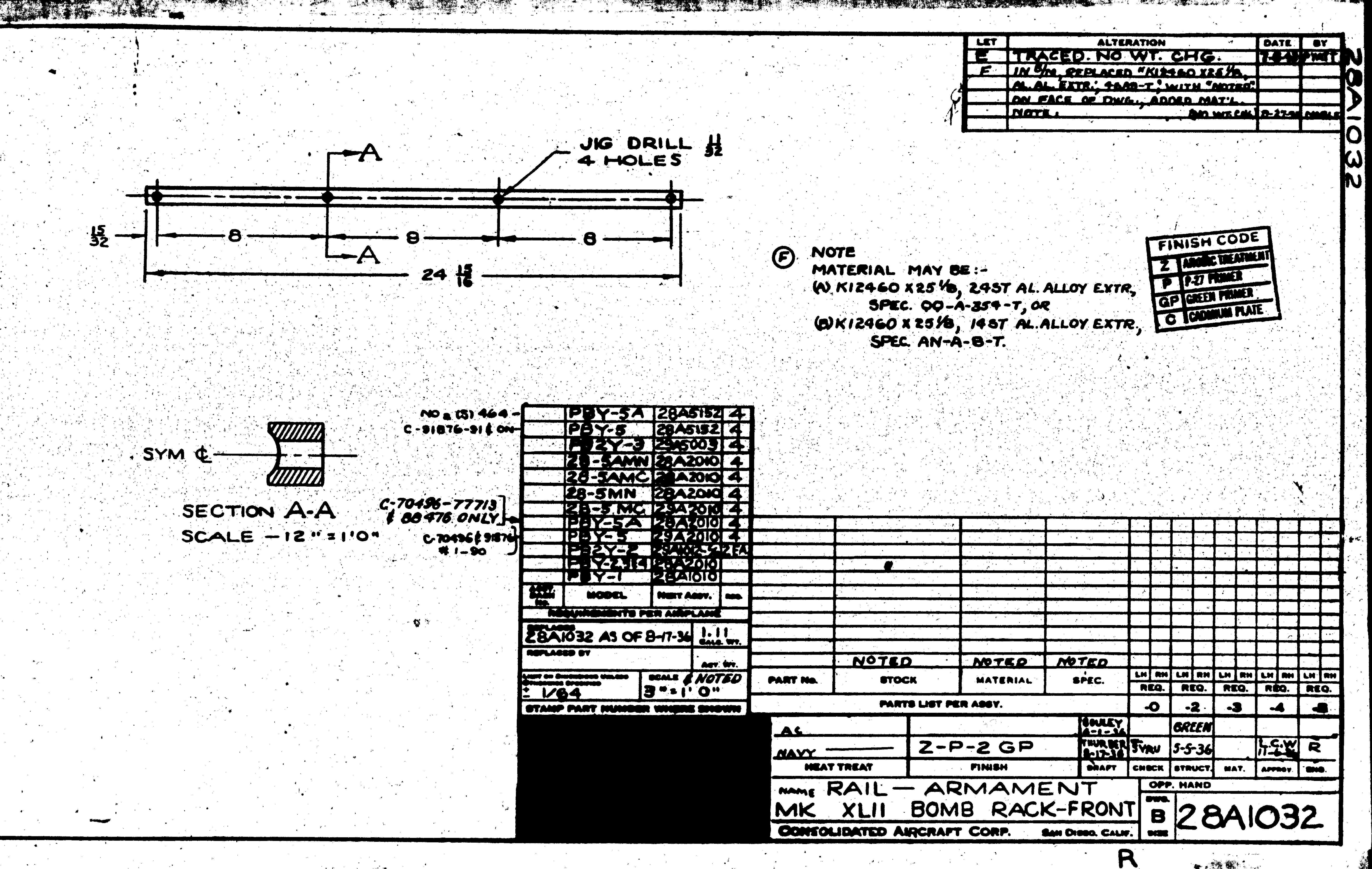
LET
ALTERATION
DATE
BY
PART No
DIM. L
-6
6 1/16
-7
9 1/2
L
MAKE FROM EXT. TEE M891
ALCOA DIE NO K12023
GP-GREEN PRIME
FINISH CODE
Z ANODIC TREATMENT
P P27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
SQ. #927-545
-7 PBY-5A 68A2008 1
-6 PBY-5A 28A2008 1
-7 PBY-5 28A2008 1
-6 PBY-5 28A2008 1
-7 PBY-4 28A2008 1
-6 PBY-4 28A2008 1
-7 PBY-3 28A2008 1
-6 PBY-3 28A2008 1
-7 PBY-2 28A2008 1
-6 PBY-2 28A2008 1
-7 PBY-1 28A1008 1
ASSY. DASH No.
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
SCALE
12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN
-7 K12023 X 9 1/2 24ST EXT. 46A9-T 1
-6 K12023 X 6 1/2 24ST EXT. 46A9-T 1
PART No.
STOCK
MATERIAL
SPEC.
LH RH
REQ.
-0 -2 -3 -4 -5
PARTS LIST PER ASSY.
A.C.
NAVY NONE
HEAT TREAT
Z-P-24 GP
FINISH
BILLING
10-11-39
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME
TEE - SMOKE
REL; BRACKET SUPT.
DWG. SIZE
B
28A1026
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.



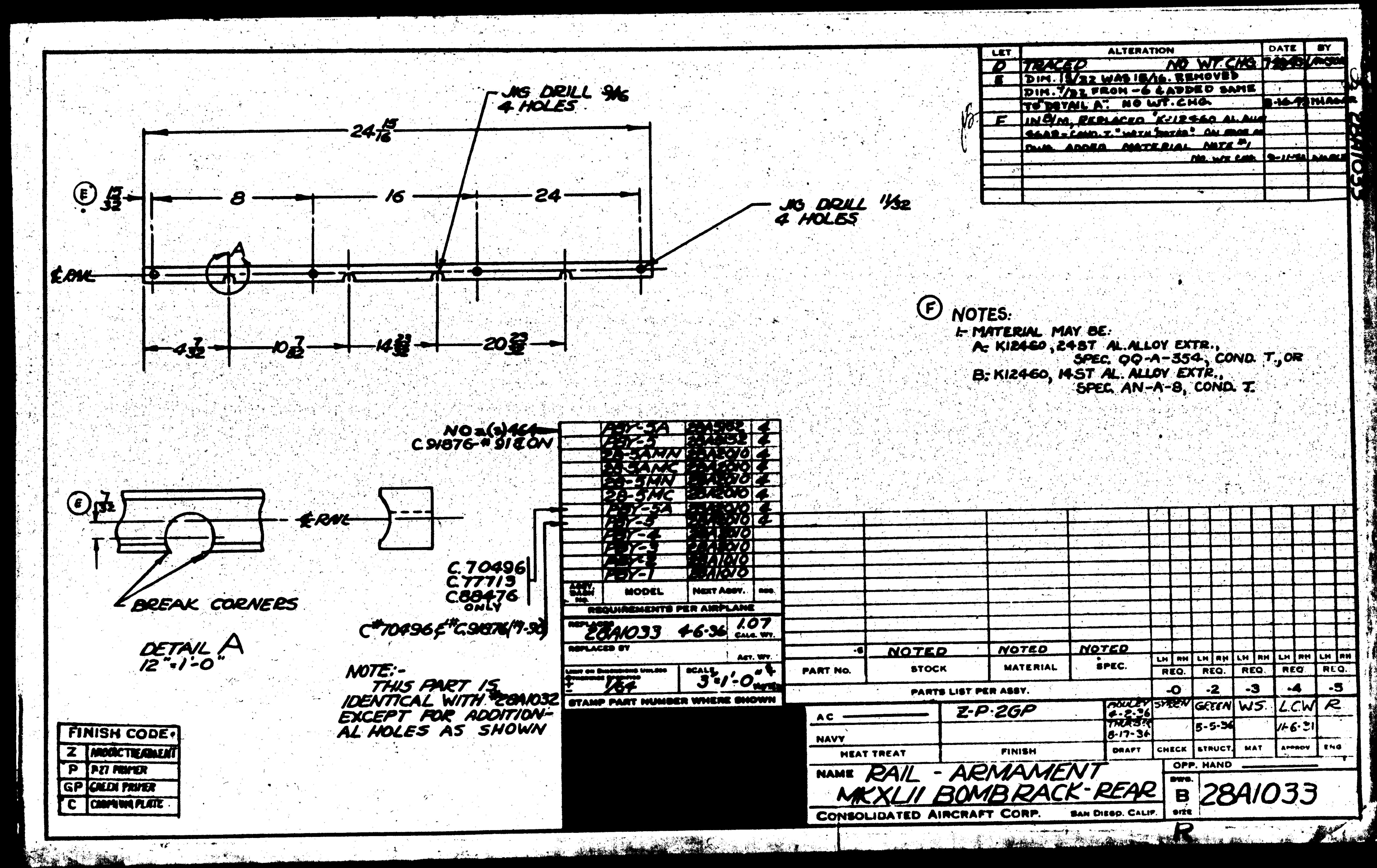
LET
ALTERATION
DATE
BY
A ADDED 5/16 DIM.
B MAT'L WAS 24ST
C 7/16 WAS 5/16. 1 5/16 AND NOTE ADDED
D IN REQ/AIR LIMITED REQ'S FOR PBY-5A FOR MCR#258 & 258A
NO WT. CHG
E.O. 25298
Q808D-4-14 SPACER
AN 442 AD4 RIVET
BRACKET -6
DIMPLE 2 PLACES. USE TOOL 1J-1538-1
LINE DRILL #10 (.193)
AN 210-2A PULLEY
AN 3-7 BOLT
AN 320-3 NUT
AN 380-C2-2 COTTER
+EFFECTIVE ON EVERY 4TH. AIRPLANE BEGINNING WITH MCR#258. EFFECTIVE ON ALL AIRPLANES PRIOR TO MCR#258.
△EFFECTIVE ON EVERY 4TH AIRPLANE BEGINNING WITH MCR#258A. EFFECTIVE ON ALL AIRPLANES PRIOR TO MCR#258A.
FINISH CODE
Z ANODIC TREATMENT
P P27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
GP GREEN PRIME
PARTS TO BE JIG DRILLED TO MATCH CENTER SECTION - THESE PARTS MUST BE INTERCHANGEABLE.
1/8 BEND RADII.
JIG DRILL #10 (.193) 4 HOLES
S.O. 927-545
PBY-5A 28A2008
PBY-5 28A2008
PBY-4 28A2008
PBY-3 28A2008
PBY-2 28A2008
PBY-1 28A1008
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
AN442AD4 2
AN380-C2-2 1
AN320-3 1
AN3-7 1
AN210-2A 1
Q808D-4-14 2
-6 .081 x 3 1/2 x 3 1/4 ALC. SHT. 47A8 1
PART No.
STOCK
MATERIAL
SPEC.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN
NAVY SR 53 "T"
Z-P-2GP
HEAT TREAT
FINISH
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME BRACKET ASSEM. - SMOKE REL. REAR PULLEY
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
B
28A1027

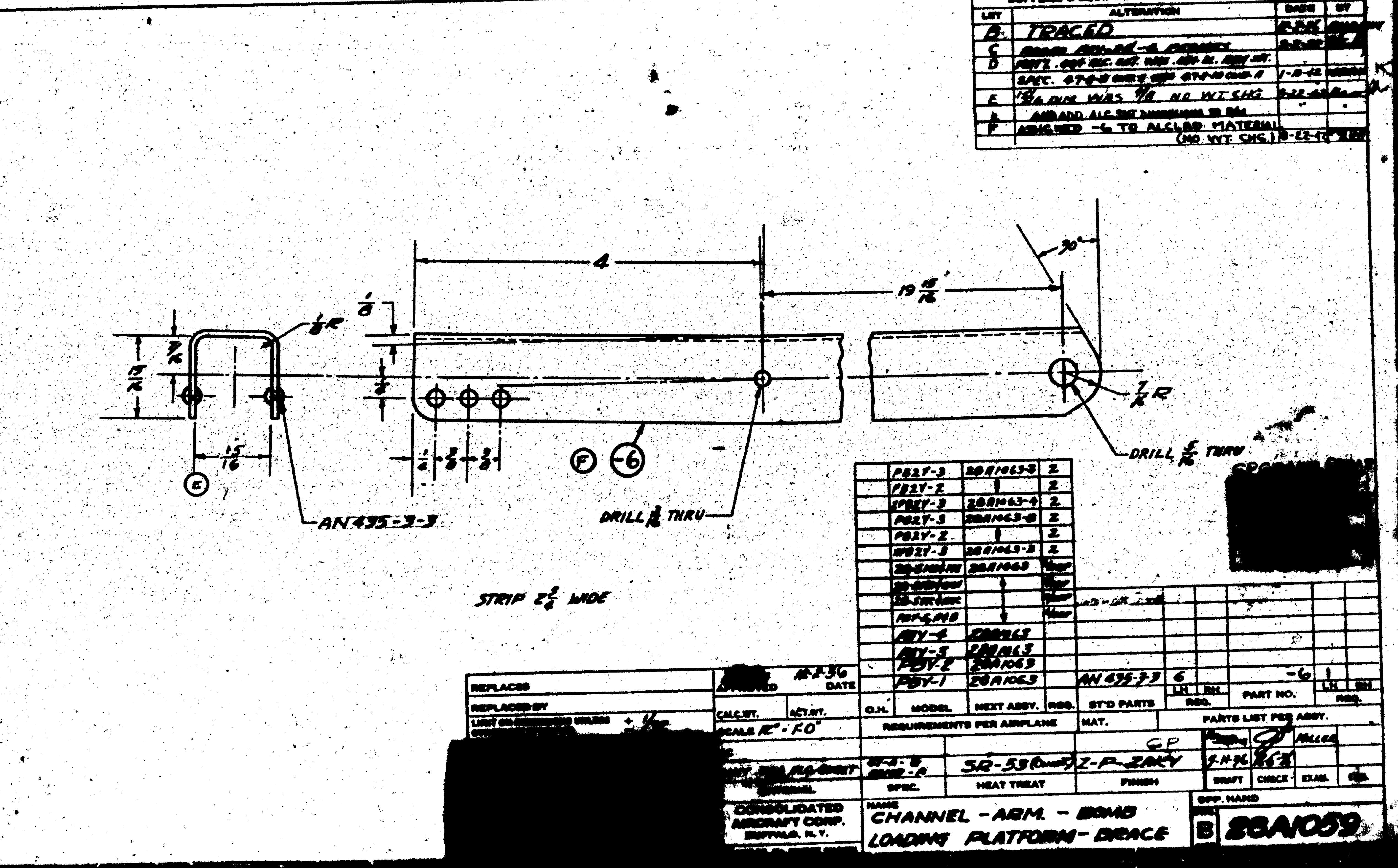


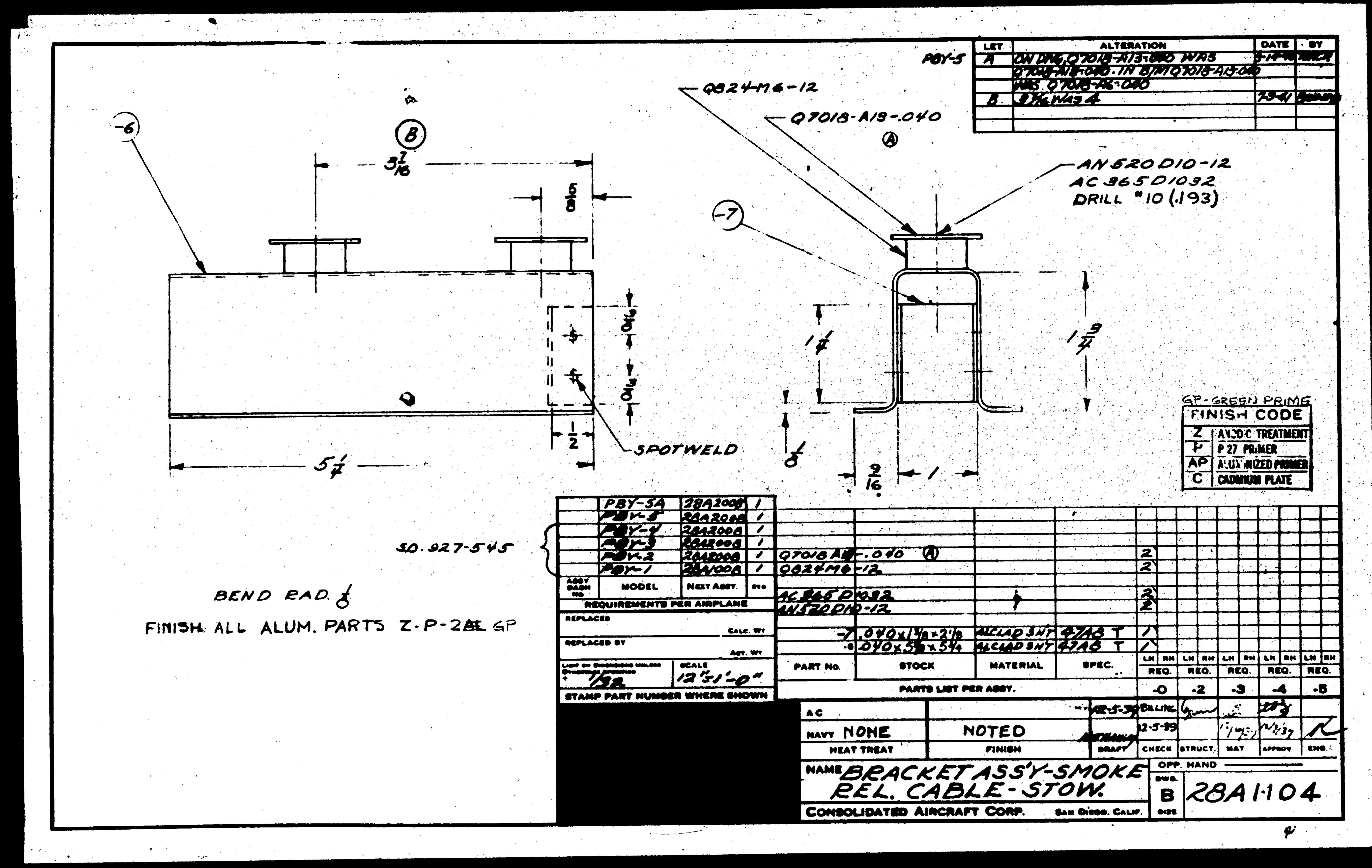
JIG DRILL #10 (.193) 4 HOLES
7 CLIP
Q 7006-D9-.064 SPACER
AN 442 AD4 RIVET
6 BRACKET
PUNCH. USE TOOL 1J526
1/16 BEND RADII
+ EFFECTIVE ON EVERY 4TH AIRPLANE BEGINNING WITH MCR#258. EFFECTIVE ON ALL AIRPLANES PRIOR TO MCR#258
△ EFFECTIVE ON EVERY 4TH AIRPLANE BEGINNING WITH MCR#258A. EFFECTIVE ON ALL AIRPLANES PRIOR TO MCR#258A.
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
G-P GREEN PRIME
LET
ALTERATION
DATE
BY
A ADDED 1/8 SLOT. ADDED AN515-8-16 & AC365-832. AN442-AD4 WAS 4.
B 24SO WAS 24ST (A was 7)
C CHANGED BOLT AN3-6 WAS -7 ADDED AN960-A10 WASHER
D CHANGE AN515-8-16 TO AN526-832-17
E IN REQ/AIR LIMITED REQ. FOR PBY-5 & PBY-5A FOR MCR#258 & 258A. NO WT. CHG.
AN526-832-17
AC 365-832
Q810D-6-14
Q7007-D12-.064
30.927-545
1/8 SLOT
Q 808D-4-14 SPACER
AN 442 AD4 RIVET
DIMPLE 2 PLACES. USE TOOL 1J-1538-1
LINE DRILL #10 (.193)
AN 210-2A PULLEY
Ⓒ AN 3-6 BOLT
AN 320-3 NUT
AN 380-C2-2 COTTER
Ⓒ AN 960-A10 WASHER
PBY-5A 28A2008
PBY-5 28A2008
PBY-4 28A2008
PBY-3 28A2008
PBY-2 28A2008
PBY-1 28A1008
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES
REPLACED BY
SCALE 12" = 1'-0"
AN960-A10
AC365-832
AN526-832-17
AN442AD4
AN380-C2-2
AN320-3
AN3-6
AN210-2A
Q7007-D12-.064
Q7006-D9-.064
Q808D-4-14
Q810D-6-14
-7 .051 x 1 5/8 x 2 1/2 ALC. SHT. 47AB A
-6 .051 x 4 7/8 x 11 1/2 ALC. SHT. 47AB A
PART No.
STOCK
MATERIAL
SPEC.
PARTS LIST PER ASSY.
REQ. -0 -2 -3 -4 -5
NAVY SR-53 Current
Z-P-2GP
HEAT TREAT
FINISH
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
OPP. HAND
BRACKET ASSEM. - SMOKE REL. FRONT PULLEY
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
B
28A1028



LET
ALTERATION
DATE
BY
E TRACED. NO WT. CHG.
F IN 8/10 REPLACED "K12460 X 25 1/8, AL. AL. EXTR.; 4088-T;" WITH "NOTED" ON FACE OF DWG., ADDED MAT'L. NOTE. NO WT. CHG.
28A1032
JIG DRILL 11/32
4 HOLES
A
A
15/32
8
8
8
24 15/16
(F) NOTE
MATERIAL MAY BE:-
(A) K12460 X 25 1/8, 24ST AL. ALLOY EXTR, SPEC. QQ-A-354-T, OR
(B) K12460 X 25 1/8, 14ST AL. ALLOY EXTR, SPEC. AN-A-8-T.
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
GP GREEN PRIMER
C CADMIUM PLATE
SYM ℄
SECTION A-A
SCALE - 12" = 1'0"
C-91876-91 & ON
C-70496-77713 & 88476 ONLY
C-70496 & 91876 #1-90
PBY-5A 28A5152 4
PBY-5 28A5152 4
PB2Y-3 29A5003 4
28-5AMN 28A2010 4
28-5AMC 28A2010 4
28-5MN 28A2010 4
28-5MC 29A2010 4
PBY-5A 28A2010 4
PBY-5 29A2010 4
PBY-2,3,4 28A2010
PBY-1 28A1010
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES 28A1032 AS OF 8-17-36
1.11 CALC. WT.
REPLACED BY
ACT. WT.
SCALE & NOTED
3" = 1' 0"
± 1/64
STAMP PART NUMBER WHERE SHOWN
NOTED
NOTED
NOTED
PART No.
STOCK
MATERIAL
SPEC.
LH RH REQ.
-0 -2 -3 -4 -5
PARTS LIST PER ASSY.
AC
NAVY
HEAT TREAT
Z-P-2 GP
FINISH
GREEN
5-5-36
L.C.W.
R
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME RAIL — ARMAMENT
MK XLII BOMB RACK-FRONT
B
28A1032
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
R

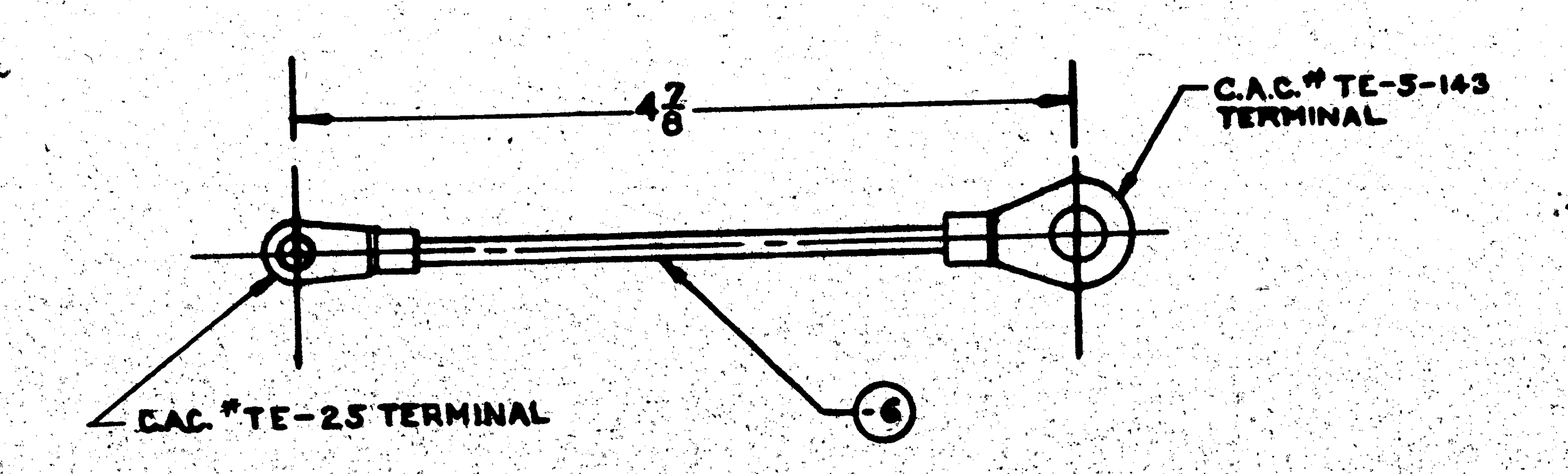

JIG DRILL 9/16
4 HOLES
$24\frac{15}{16}$
E $\frac{15}{32}$
8
16
24
JIG DRILL 11/32
4 HOLES
℄ RAIL
A
$4\frac{7}{32}$
$10\frac{7}{32}$
$14\frac{23}{32}$
$20\frac{23}{32}$
F NOTES:
1- MATERIAL MAY BE:
A: K12460, 24ST AL. ALLOY EXTR., SPEC. QQ-A-354, COND. T., OR
B: K12460, 14ST AL. ALLOY EXTR., SPEC. AN-A-8, COND. T.
E $\frac{7}{32}$
℄ RAIL
BREAK CORNERS
DETAIL A
12" = 1'-0"
C.70496
C.77713
C.88476
ONLY
C#70496 & #C.91876 (17-30)
NOTE:-
THIS PART IS IDENTICAL WITH #28A1032 EXCEPT FOR ADDITIONAL HOLES AS SHOWN
FINISH CODE
Z ANODIC TREATMENT
P P27 PRIMER
GP GREEN PRIMER
C CADMIUM PLATE
LET | ALTERATION | DATE | BY
D TRACED NO WT. CHG.
E DIM. 15/32 WAS 15/16. REMOVED DIM. 7/32 FROM -6 & ADDED SAME TO DETAIL A. NO WT. CHG.
F IN B/M, REPLACED "K12460 AL. ALLOY..." ADDED MATERIAL NOTE #1 NO WT. CHG.
REQUIREMENTS PER AIRPLANE
MODEL | NEXT ASSY. | REQ.
PBY-5A
PBY-5
28-5AMN
28-5AMC
28-5MN
28-5MC
PBY-5A
PBY-5
PBY-4
PBY-3
PBY-2
PBY-1
NO. 2(s) 464
C.91876 - #91 & ON
REPLACES 28A1033 4-6-36
1.07 CALC. WT.
REPLACED BY
ACT. WT.
SCALE 3" = 1'-0"
1/64
STAMP PART NUMBER WHERE SHOWN
PART NO. | STOCK | MATERIAL | SPEC.
NOTED | NOTED | NOTED
PARTS LIST PER ASSY.
LH RH REQ. -0 -2 -3 -4 -5
AC
NAVY
HEAT TREAT
Z-P-2GP
FINISH
DRAFT | CHECK | STRUCT. | MAT | APPROV | ENG
GREEN 5-5-36
W.S.
L.C.W. 11-6-31
R
OPP. HAND
NAME RAIL - ARMAMENT
MK XLII BOMB RACK - REAR
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
B 28A1033


SUPPLIES & EQUIPMENT CLASSIFICATION
LIST
ALTERATION
DATE
BY
B TRACED
NO WT. CHG
F ASSIGNED -6 TO ALCLAD MATERIAL (NO WT. CHG.) 8-22-42
4
19 15/16
90°
1/8
1/8 R
7/16
15/16
7/16 R
DRILL 5/16 THRU
1/4
3/8
E
F
-6
AN495-3-3
DRILL 3/16 THRU
STRIP 2 3/8 WIDE
PB2Y-3
PB2Y-2
28A1063-3
28A1063-4
28A1063
PBY-4
PBY-3
PBY-2
PBY-1
[redacted]
REPLACES
REPLACED BY
APPROVED
10-2-36
DATE
CALC. WT.
ACT. WT.
SCALE FULL
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
AN495-3-3
6
LH
RH
PART NO.
-6
1
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
SR-53
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
[redacted]
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
CHANNEL - ARM. - BOMB LOADING PLATFORM - BRACE
OPP. HAND
B 28A1059



LET | ALTERATION | DATE | BY
PBY-5 A ON DWG Q7018-A13-040 WAS Q7018-A16-040. IN B/M Q7018-A13-040 WAS Q7018-A16-040
B 3 7/16 WAS 4
-6
(B)
3 7/16
5/8
Q824-M6-12
Q7018-A13-040
(A)
AN520D10-12
AC365D1032
DRILL #10 (.193)
-7
1 1/4
1 3/4
1/8
9/16
1
1/2
5 1/4
SPOTWELD
GP-GREEN PRIME
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
SO. 927-545
BEND RAD. 1/8
FINISH ALL ALUM. PARTS Z-P-2 GP
PBY-5A 28A2008 1
PBY-5 28A2008 1
PBY-4 28A2008 1
PBY-3 28A2008 1
PBY-2 28A2008 1
PBY-1 28A1008 1
ASSY DASH No. MODEL NEXT ASSY.
REQUIREMENTS PER AIRPLANE
Q7018 A13-.040 (A) 2
Q824M6-12 2
AC365D1032 2
AN520D10-12 2
-7 .040x1 5/8x2 1/8 ALCLAD SHT 47A8 T 1
-6 .040x5 5/8x5 1/4 ALCLAD SHT 47A8 T 1
PART No. STOCK MATERIAL SPEC.
PARTS LIST PER ASSY.
-0 -2 -3 -4 -5
REPLACES
REPLACED BY
SCALE 12"=1'-0"
1/32
STAMP PART NUMBER WHERE SHOWN
NAVY NONE
HEAT TREAT
NOTED
FINISH
12-5-39
DRAFT CHECK STRUCT. MAT APPROV ENG.
OPP. HAND
NAME BRACKET ASS'Y-SMOKE REL. CABLE-STOW.
B 28A1104
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

LET	ALTERATION	DATE	BY
C	TRACED NO WT. CHG.	5-4-49	[illegible]
D	IN REQ/AIR LIMITED REQ. FOR PBY-5[illegible]A PER MCR [illegible] NO WT. CHG	[illegible]	[illegible]



S.O # 927-545

+ EFFECTIVE ON EVERY 4TH AIRPLANE BEGINNING WITH MCR # 258. EFFECTIVE ON ALL AIRPLANES PRIOR TO MCR # 258

△ EFFECTIVE ON EVERY 4TH AIRPLANE BEGINNING WITH MCR # 258A. EFFECTIVE ON ALL AIRPLANES PRIOR TO MCR # 258A.

ASSY. DASH No.	MODEL	NEXT ASSY.	REQ.
△	PBY-5A	28A2008	1
+	PBY-5	28A2008	1
	PBY-4	28A2008	1
	PBY-3	28A2008	1
	PBY-2	28A2008	1
	PBY-1	28A1008	1

REQUIREMENTS PER AIRPLANE

REPLACES 28A1108 10-23-39 | CALC. WT.
REPLACED BY | ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	-0 REQ.
	C.A.C. # TE-5-143 TERMINAL (BURNDY ENG. CO. NEW YORK # YAV-14-H-3) OR (THOMAS BETTS, ELIZABETH, N.J. STAKON # 37Z6) OR EQUIV.			1
	C.A.C. # TE-25 TERMINAL (BURNDY ENG. CO. NEW YORK # BA-18-CH) OR (THOMAS BETTS, ELIZABETH, N.J. STAKON # A87Q) OR EQUIV.			1
-6	A-16	ELECTRIC WIRE	AN-J-C-48	1

PARTS LIST PER ASSY. — LH RH REQ. -0, -2, -3, -4, -5

A/C		DRAFT	CHECK	STRUCT	MAT.	APPROV.	ENG.
NAVY		Billing 10-23-39				Green	G. R
HEAT TREAT	FINISH						

NAME LINK— SMOKE TANK CABLE

OPP. HAND

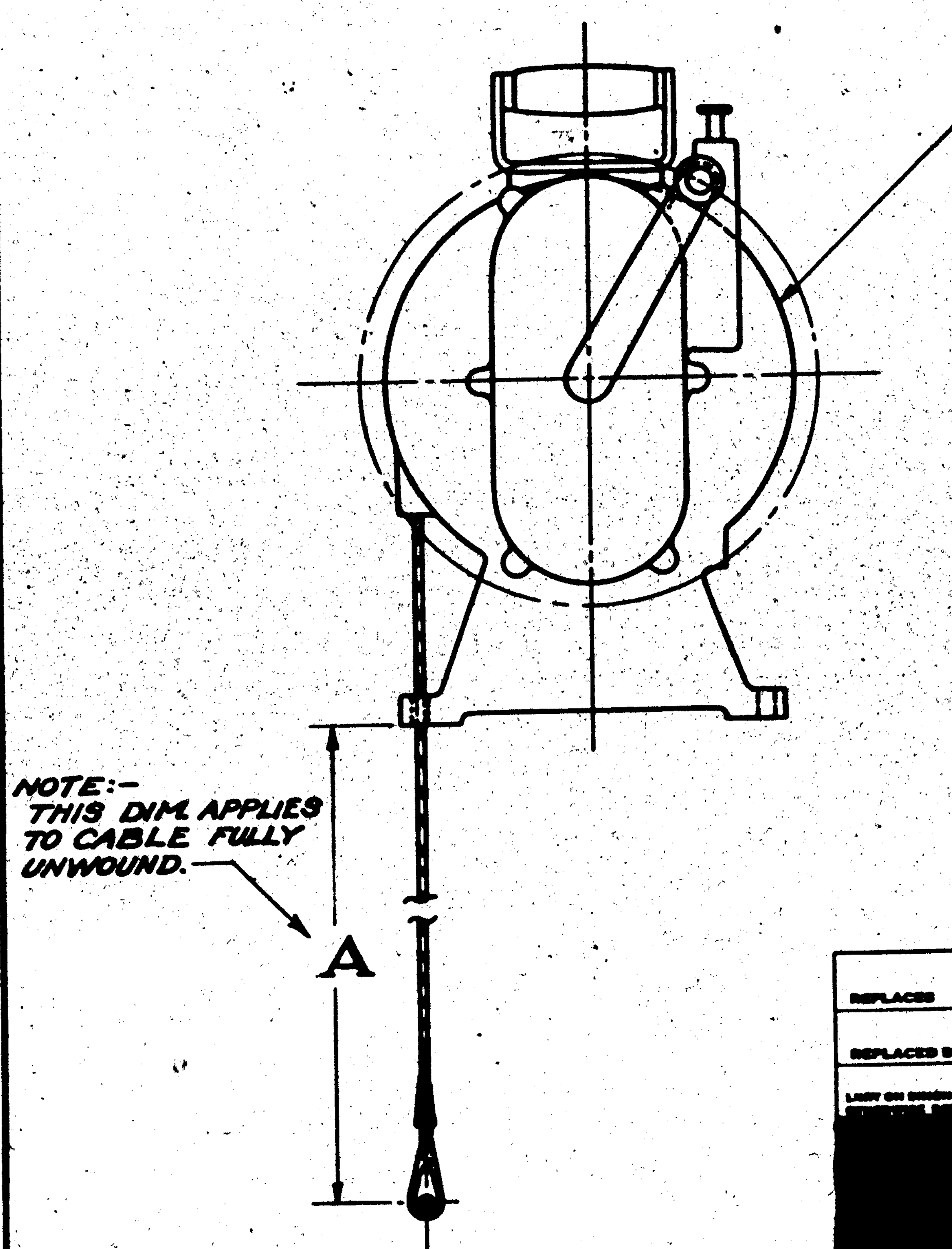
DWG. SIZE B 28A1108

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

28A1108

R.

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-6-37	[illegible]
B	-1 & TABULATION ADDED	9-21-38	[illegible]
C	NOTE ADDED	"	"



PART Nº	A	SHIP
28A2024	16'-6"	PBY-2,3,4
28A2024-1	15'-8"	XPBY-1 (B)

PBY-1 LENGTH MAY BE 17'-2" BUT IT IS RECOMMENDED LENGTH BE MADE SAME AS FOR PBY-2,-3 & -4 (C)

NOTE:-
GOV'T. FURNISHED GROUND EQUIPMENT. ~~FURNISHED DIRECTLY TO SQUADRONS~~
SPLICE AS PER SPEC. NAF PS-2.

D. N.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28A5001	1
	PBY-1	28A1080	SALES ORDER # 327-113
	PBY-4	28A2010	
	PBY-3	28A2010	
	PBY-2	28A2010	
-1	XPBY-1		

REQUIREMENTS PER AIRPLANE | ST'D PARTS | LH RH REQ. | PART NO. | MAT. | PARTS LIST PER ASSY. | LH RH REQ. | LH RH REQ. | LH RH REQ. | LH RH REQ. | LH RH REQ.

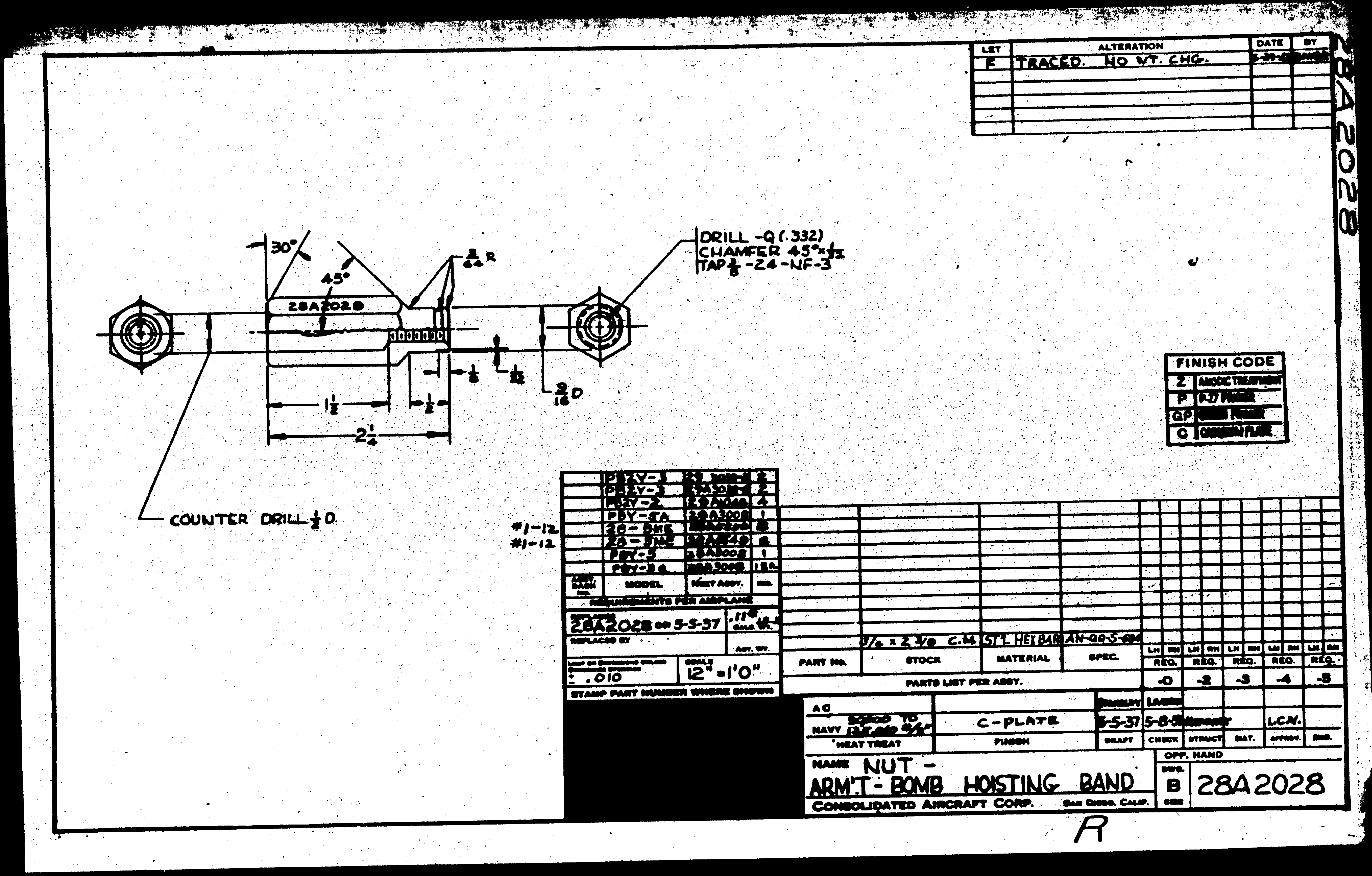
REPLACES | APPROVED: E.W.M. | DATE: 12-6-37
REPLACED BY | CALC. WT. | ACT. WT.
LIMIT ON DIMENSIONS UNLESS ± | SCALE: 3"=1'-0"
[redacted]

A C
NAVY: NOTED — MATERIAL | NONE — SPEC. | NONE — HEAT TREAT | NONE — FINISH
DRAFT: [illegible] 12-10-36 | CHECK | EXAM.: MILLER | ENG.

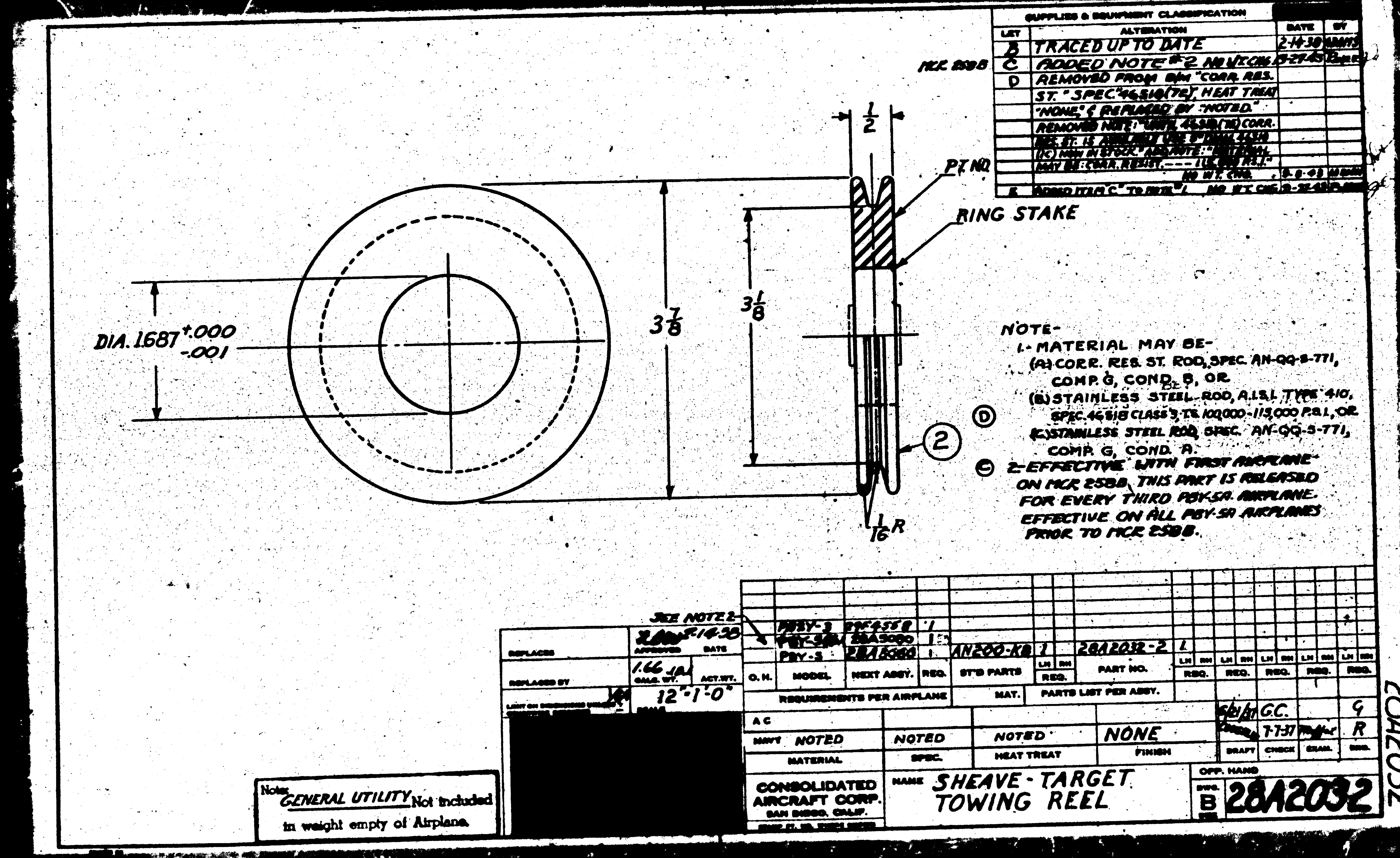
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
STAMP PT. NO. WHERE SHOWN

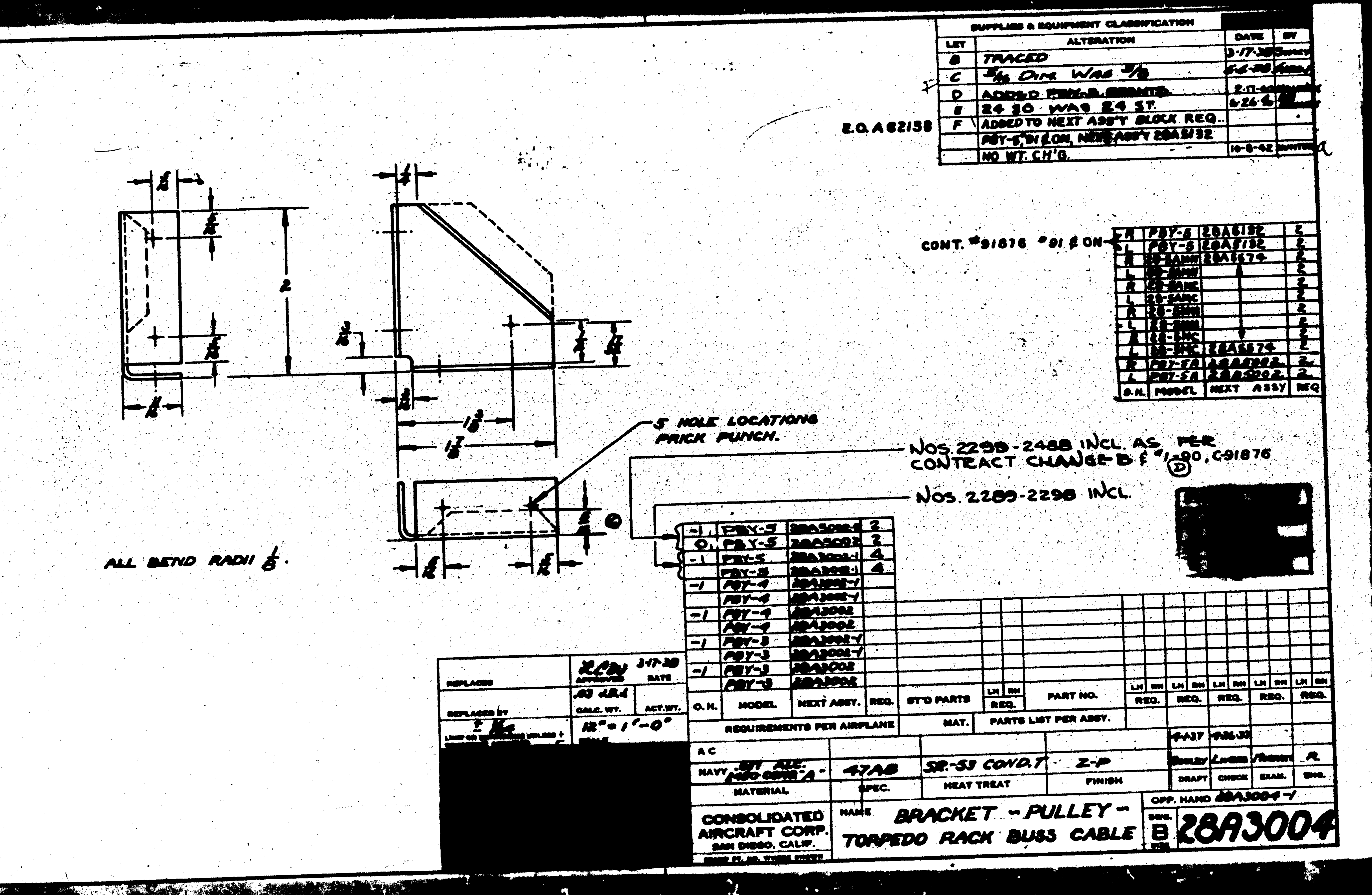
NAME: M-3 BOMB HOIST ARMAMENT-CABLE MODIFICATION

OPP. HAND
DWG. SIZE B — 28A2024

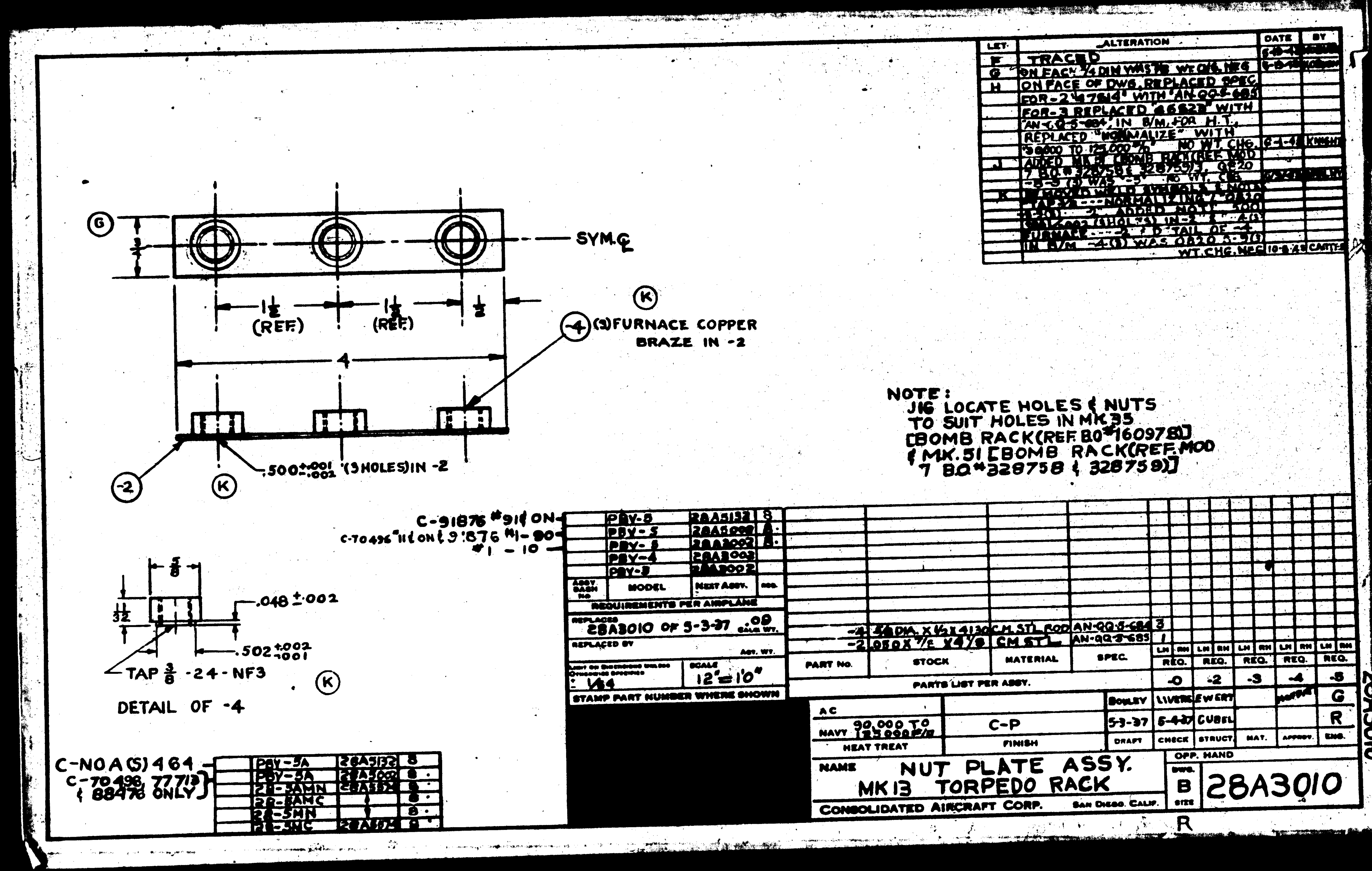


LET
ALTERATION
DATE
BY
F
TRACED. NO WT. CHG.
28A2028
30°
45°
$\frac{3}{64}$ R
28A2028
DRILL -Q (.332)
CHAMFER 45°x$\frac{1}{32}$
TAP $\frac{3}{8}$-24-NF-3
$\frac{1}{8}$
$\frac{1}{32}$
$\frac{9}{16}$ D
$1\frac{1}{2}$
$\frac{1}{2}$
$2\frac{1}{4}$
COUNTER DRILL $\frac{1}{2}$ D.
FINISH CODE
Z
P
GP
C
#1-12
#1-12
PBY-5A
28-5ME
28-5ME
PBY-5
PBY-2A
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
28A2028 OD 5-5-37
CALC. WT.
REPLACED BY
ACT. WT.
± .010
SCALE
12" = 1'0"
STAMP PART NUMBER WHERE SHOWN
PART No.
STOCK
MATERIAL
SPEC.
PARTS LIST PER ASSY.
REQ.
-0
-2
-3
-4
-5
AC
NAVY
HEAT TREAT
C-PLATE
FINISH
5-5-37
DRAFT
CHECK
STRUCT.
MAT.
ENG.
L.C.N.
OPP. HAND
NAME NUT -
ARM'T - BOMB HOISTING BAND
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
DWG.
B
SIZE
28A2028
R

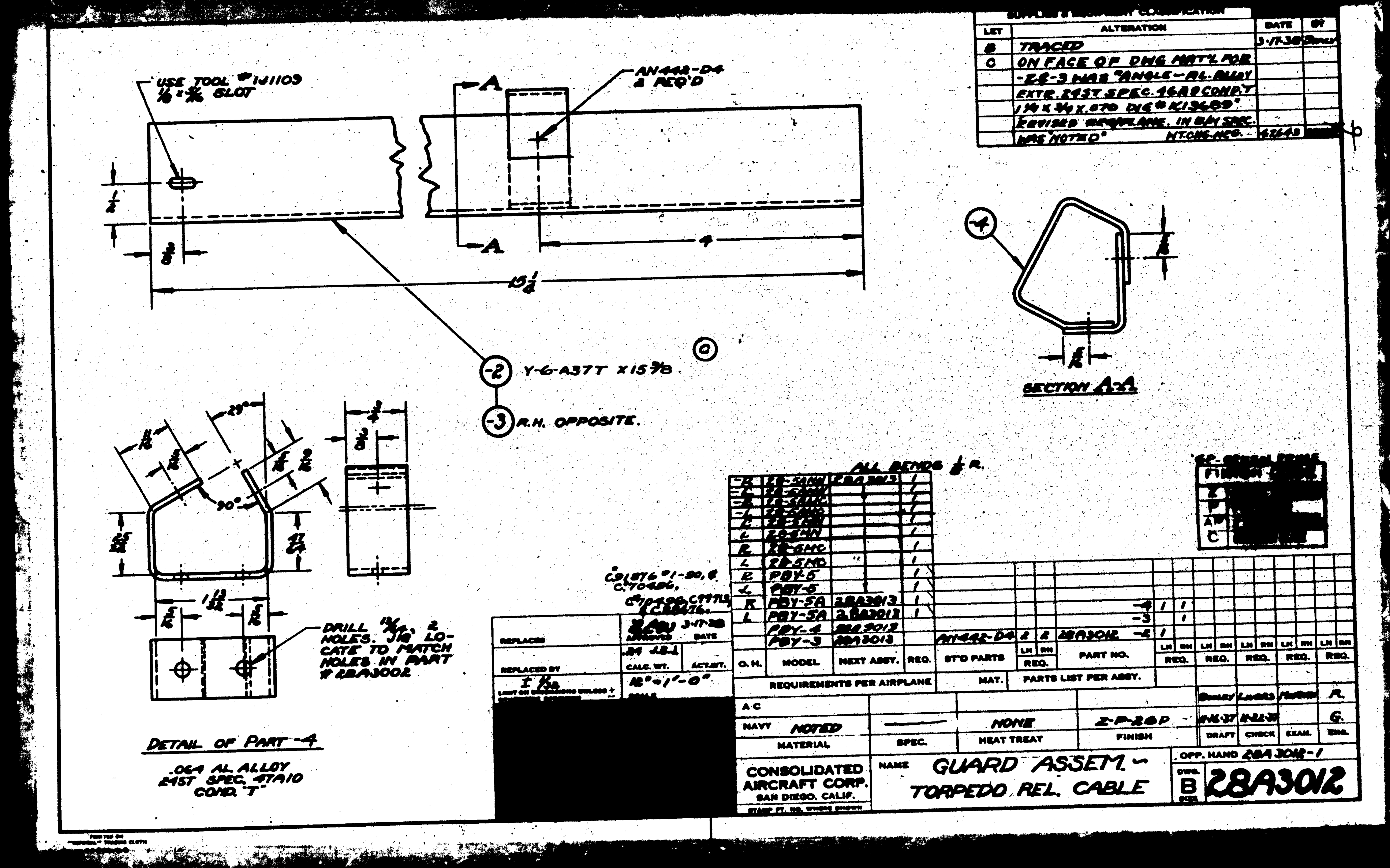

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B TRACED UP TO DATE 2-14-38
MCR 258B C ADDED NOTE #2 NO WT. CHG.
D REMOVED FROM B/M "CORR. RES. ST." SPEC. "46S18(TE)", HEAT TREAT "NONE" & REPLACED BY "NOTED."
E ADDED ITEM C TO NOTE #1 NO WT. CHG.
1/2
PT. NO.
RING STAKE
DIA. .1687 +.000 -.001
3 7/8
3 1/8
2
1/16 R
NOTE-
1- MATERIAL MAY BE-
(A) CORR. RES. ST. ROD, SPEC. AN-QQ-S-771, COMP. G, COND. B, OR
(B) STAINLESS STEEL ROD, A.I.S.I. TYPE 410, SPEC. 46S18 CLASS 3, T.S. 100,000-115,000 P.S.I., OR
(C) STAINLESS STEEL ROD, SPEC. AN-QQ-S-771, COMP. G, COND. A.
2- EFFECTIVE WITH FIRST AIRPLANE ON MCR 258B, THIS PART IS RELEASED FOR EVERY THIRD PBY-5A AIRPLANE. EFFECTIVE ON ALL PBY-5A AIRPLANES PRIOR TO MCR 258B.
SEE NOTE 2
PBY-3 | PBY-5A | PBY-5
28A5000
AN200-KB
28A2032-2
REPLACES
APPROVED
DATE
REPLACED BY
1.66
CALC. WT.
ACT. WT.
12"=1'-0"
SCALE
O.N. | MODEL | NEXT ASSY. | REQ. | STD PARTS | REQ. | PART NO. | REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NAVY NOTED
MATERIAL
NOTED
SPEC.
NOTED
HEAT TREAT
NONE
FINISH
G.C.
7-7-37
DRAFT | CHECK | EXAM. | ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
NAME SHEAVE - TARGET TOWING REEL
DWG. B 28A2032
Note: GENERAL UTILITY Not included in weight empty of Airplane.
28A2032



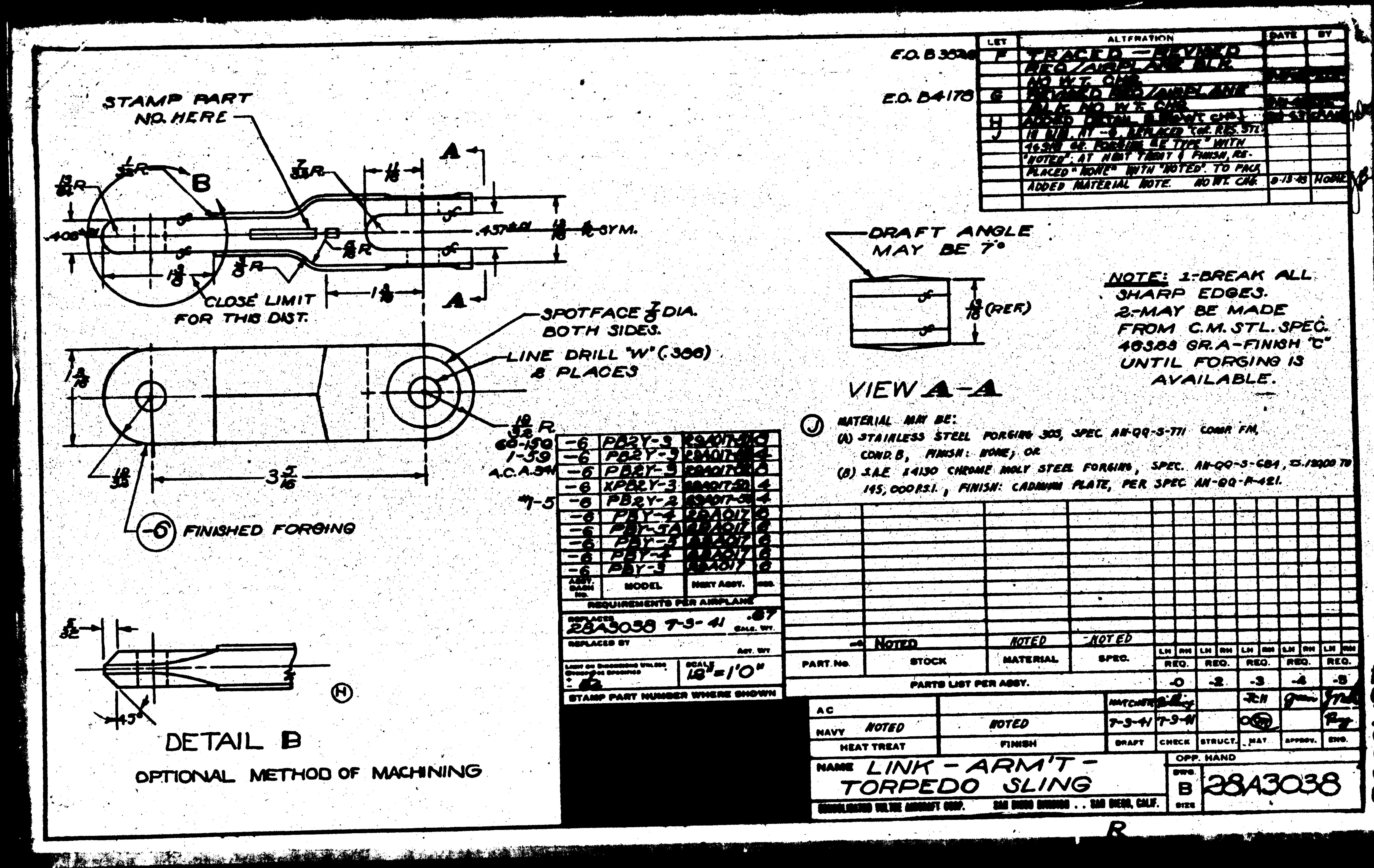
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B TRACED 3-17-38
C 3/16 DIM. WAS 3/8
D ADDED
E 24 SO WAS 24 ST.
F ADDED TO NEXT ASS'Y BLOCK REQ.
NO WT. CH'G.
E.O. A 62138
CONT. #91876 #91 & ON
R PBY-5 28A5132 2
L PBY-5 28A5132 2
R 28A5674 2
L PBY-5A 28A5202 2
O.N. MODEL NEXT ASSY REQ
5 HOLE LOCATIONS PRICK PUNCH.
NOS. 2299-2488 INCL. AS PER CONTRACT CHANGE B & #1-90, C91876
NOS. 2289-2298 INCL.
ALL BEND RADII 1/8.
-1 PBY-5 2
O PBY-5 28A3002 2
-1 PBY-5 4
PBY-5 4
-1 PBY-4
PBY-4
-1 PBY-4 28A3002
PBY-4 28A3002
-1 PBY-3
PBY-3
-1 PBY-3 28A3002
PBY-3 28A3002
REPLACES
APPROVED 3-17-38
DATE
REPLACED BY
CALC. WT.
ACT. WT.
12" = 1'-0"
SCALE
O.N. MODEL NEXT ASSY. REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS
LH RH REQ.
PART NO.
MAT.
PARTS LIST PER ASSY.
LH RH REQ.
AC
NAVY
MATERIAL
47AB
SPEC.
SR-53 COND. T
HEAT TREAT
Z-P
FINISH
DRAFT CHECK EXAM. ENG.
OPP. HAND 28A3004-1
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
NAME BRACKET - PULLEY - TORPEDO RACK BUSS CABLE
DWG. B SIZE
28A3004



LET.
ALTERATION
DATE
BY
F TRACED
G ON FACE 1/4 DIN WAS 1/8 WT. CHG. NEG
H ON FACE OF DWG. REPLACED SPEC. FOR -2 "47614" WITH "AN-QQ-S-685" FOR -3 REPLACED "46923" WITH "AN-QQ-S-684", IN B/M, FOR H.T. REPLACED "NORMALIZE" WITH "90000 TO 125,000 #/□" NO WT. CHG.
J ADDED MK.51 BOMB RACK (REF. MOD 7 B.O. #328758 & 328759)
K
WT. CHG. NEG
SYM. ℄
1 1/2 (REF.)
1 1/2 (REF.)
1/2
4
-4 (3) FURNACE COPPER BRAZE IN -2
.500 +.001 -.002 (3 HOLES) IN -2
-2
K
G
NOTE:
JIG LOCATE HOLES & NUTS TO SUIT HOLES IN MK.35 BOMB RACK (REF. B.O. #160978) & MK.51 BOMB RACK (REF. MOD 7 B.O. #328758 & 328759)
5/8
.048 ±.002
1/32
.502 +.002 -.001
TAP 3/8 -24-NF3
DETAIL OF -4
C-91876 #91 & ON
C-70496 #11 & ON & 9876 #1-90
#1 - 10
PBY-5 28A5132
PBY-5 28A5002
PBY-5 28A3002
PBY-4 28A3002
PBY-3 28A3002
ASSY. DASH NO. MODEL NEXT ASSY. REQ.
REQUIREMENTS PER AIRPLANE
REPLACES 28A3010 OF 5-3-37 .09 CALC. WT.
REPLACED BY
SCALE 12" = 1'0"
STAMP PART NUMBER WHERE SHOWN
-4 5/8 DIA. X 1/2 X 4130 C.M. STL. ROD AN-QQ-S-684 3
-2 .050 X 7/8 X 4 1/8 C.M. STL. AN-QQ-S-685 1
PART NO. STOCK MATERIAL SPEC.
PARTS LIST PER ASSY.
LH RH REQ.
-0 -2 -3 -4 -5
AC
NAVY 90,000 TO 125,000 #/□
HEAT TREAT
C-P
FINISH
BOWLEY 5-3-37 DRAFT
LIVERE 5-4-37 CHECK
EWERT CUBEL STRUCT.
MAT.
APPROV.
ENG.
G
R
OPP. HAND
NAME NUT PLATE ASSY. MK13 TORPEDO RACK
DWG. SIZE B
28A3010
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
C-NOA(S) 464 - C-70496, 77713 & 88476 ONLY
PBY-5A 28A5132
PBY-5A 28A5002
28-5AMN
28-5AMC
28-5MN
28-5MC
R



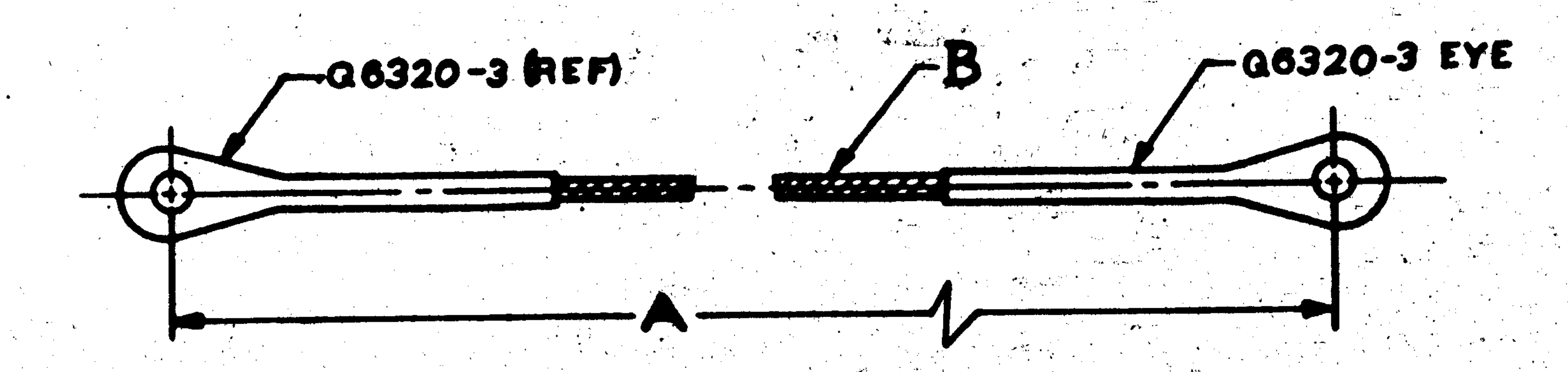
LET | ALTERATION | DATE | BY
B TRACED 3-17-38
C ON FACE OF DWG MAT'L FOR -2&-3 WAS "ANGLE-AL. ALLOY EXTR. 24ST SPEC. 46A9 COND. T 1 1/4 X 3/4 X .070 DIE # K13689" REVISED AEROPLANE, IN B/M SPEC. WAS "NOTED" NT-CHG-NO. 42643
USE TOOL #1J1103 1/8 x 5/16 SLOT
AN442-D4 2 REQ'D
A
A
4
15 1/2
-2 Y-6-A37T X15 7/8
-3 R.H. OPPOSITE.
SECTION A-A
-4
29°
90°
DETAIL OF PART -4
.064 AL ALLOY 24ST SPEC. 47A10 COND. "T"
DRILL 13/64, 2 HOLES. JIG LOCATE TO MATCH HOLES IN PART #28A3002
ALL BENDS 1/8 R.
REPLACES
REPLACED BY
APPROVED
DATE
CALC. WT.
ACT. WT.
12" = 1'-0"
SCALE
[redacted]
O. H. | MODEL | NEXT ASSY. | REQ.
R | PBY-5A | 28A3013 | 1
L | PBY-5A | 28A3013 | 1
PBY-4 | 28A3013
PBY-3 | 28A3013
ST'D PARTS | REQ. LH RH | PART NO. | REQ. LH RH
AN442-D4 | 2 | 2 | 28A3012 -2 | 1
-3 | | 1
-4 | 1 | 1
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
[redacted]
A·C
NAVY NOTED
MATERIAL
SPEC.
NONE
HEAT TREAT
Z-P-28P
FINISH
DRAFT CHECK EXAM. ENG.
11-16-37 11-22-37
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
NAME GUARD ASSEM. - TORPEDO REL. CABLE
OPP. HAND 28A3012-1
DWG. B SIZE 28A3012



STAMP PART NO. HERE
B
A
CLOSE LIMIT FOR THIS DIST.
SYM.
SPOTFACE 7/8 DIA. BOTH SIDES.
LINE DRILL "W" (.386) 2 PLACES
3 5/16
-6 FINISHED FORGING
DRAFT ANGLE MAY BE 7°
(REF)
VIEW A-A
NOTE: 1-BREAK ALL SHARP EDGES.
2-MAY BE MADE FROM C.M. STL. SPEC. 46388 GR.A-FINISH "C" UNTIL FORGING IS AVAILABLE.
MATERIAL MAY BE:
(A) STAINLESS STEEL FORGING 303, SPEC AN-QQ-S-771 COMP. FM, COND. B, FINISH: NONE; OR
(B) S.A.E. X4130 CHROME MOLY STEEL FORGING, SPEC. AN-QQ-S-684, 125,000 TO 145,000 P.S.I., FINISH: CADMIUM PLATE, PER SPEC AN-QQ-P-421.
LET
ALTERATION
DATE
BY
E.O. B3526
F
E.O. B4178
G
H
J
ADDED MATERIAL NOTE. NO WT. CHG.
ASSY. DASH NO.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
-6 PB2Y-3
-6 XPB2Y-3
-6 PB2Y-2
-6 PBY-4
-6 PBY-5A
-6 PBY-5
-6 PBY-3
REPLACES 28A3038 7-3-41
CALC. WT.
REPLACED BY
ACT. WT.
SCALE 12"=1'0"
STAMP PART NUMBER WHERE SHOWN
PART No.
STOCK
MATERIAL
SPEC.
NOTED
LH RH REQ.
-0 -2 -3 -4 -5
PARTS LIST PER ASSY.
AC
NAVY NOTED
HEAT TREAT
NOTED
FINISH
7-3-41 7-9-41
DRAFT CHECK STRUCT. MAT. APPROV. ENG.
OPP. HAND
NAME LINK - ARM'T - TORPEDO SLING
DWG. B SIZE
28A3038
CONSOLIDATED VULTEE AIRCRAFT CORP. SAN DIEGO DIVISION . . SAN DIEGO, CALIF.
DETAIL B
OPTIONAL METHOD OF MACHINING
45°

LET	ALTERATION	DATE	BY
F	TRACED NO WT. CHG.	[illegible]	[illegible]

28A4001



ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-23	28-5MN (AMN)	28A4000	1 EA
-22	28-5MN (AMN)	28A4000	1 EA
-21	28-5MN (AMN)	28A4000	1 EA
-20	28-5MN (AMN)	28A4000	1 EA
-23	[illegible]	[illegible]	1 EA
-22	[illegible]	[illegible]	1 EA
-21	[illegible]	[illegible]	1 EA
-20	[illegible]	[illegible]	1 EA
-5	PBY-5	28A4000	1 EA
-4	PBY-5	28A4000	1 EA
-3	PBY-5	28A4000	1 EA
-2	PBY-5	28A4000	1 EA
-5	PBY-4	28A4000	1 EA
-4	PBY-4	28A4000	1 EA
-3	PBY-4	28A4000	1 EA
-2	PBY-4	28A4000	1 EA

REQUIREMENTS PER AIRPLANE

C.70496 #1-10

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
-23	PBY-5	28A4000	1
-22	PBY-5	28A4000	1
-21	PBY-5	28A4000	1
-20	PBY-5	28A4000	1
-23	PBY-5A	28A4000	1
-22	PBY-5A	28A4000	1
-21	PBY-5A	28A4000	1
-20	PBY-5A	28A4000	1

REQUIREMENTS/AIRPLANE

C-70496 #11 ON & C.91876 #1-90

C-77713 C-70496 & C-88476 ONLY

PART No.	STOCK	MATERIAL	SPEC.	-2	-3	-4	-5	-20	-21	-22	-23		
Q6320-3				2	2	2	2	2	2	2	2		
-27	3/32-7X7X17	PREFORMED CABLE	22C2								1		
-26	3/32-7X7X1[illegible]	PREFORMED CABLE	22C2							1			
-25	3/32-7X7X1[illegible]	PREFORMED CABLE	22C2						1				
-24	3/32-7X7X1[illegible]	PREFORMED CABLE	22C2					1					
-9	3/32-7X7X1[illegible]	PREFORMED CABLE	22C2				1						
-8	3/32-7X7X15	PREFORMED CABLE	22C2			1							
-7	3/32-7X7X1[illegible]	PREFORMED CABLE	22C2		1								
-6	3/32-7X7X1[illegible]	PREFORMED CABLE	22C2	1									
				LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
				REQ.		REQ.		REQ.		REQ.		REQ.	

PARTS LIST PER ASSY.

ASSY. NO.	A	B
-2	15 1/4	-6
-3	16 11/16	-7
-4	14 15/16	-8
-5	15 5/8	-9
-20	15 9/16	-24
-21	17 1/4	-25
-22	14 11/16	-26
-23	16 1/16	-27

NOTES:-
1. PRE-STRETCH TO 60% OF RATED STRENGTH.
2. BOIL IN LINSEED OIL & COAT WITH 50% WHITE LEAD & TALLOW SOLUTION.

REPLACES 28A4001 OF 1-6-38 — CALC. WT.
REPLACED BY — ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/16 — SCALE 12"=1'0"
STAMP PART NUMBER WHERE SHOWN

AC
NAVY NONE — NOTED
HEAT TREAT — FINISH
UVERS 1-6-38 — DRAFT; CHECK; [illegible] STRUCT.; MAT.; LCW. APPROV.; R ENG.
NAME CABLE ASSEMBLY- MK XVIII BOMB SOLENOID
OPP. HAND
DWG. SIZE B 28A4001
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

LET	ALTERATION	DATE	BY
A	105° WAS 90° (NO WT. CHG.)	10-21-41	LARSON

E.O.C. 12493

S.O. #930-37
CONTRACT CHANGE "U"
PLANES #1241-#1243
(29-31)

GP-GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

#151 ON

O.H.	MODEL	NEXT ASSY.	REQ.
	[illegible]	[illegible]	2
	PBY-5A	28A5104	2
	[illegible]	[illegible]	2
	[illegible]	28A5021	2
	PBY-5A	28A5104	2
	PBY-5	28A5104	2
	[illegible]	[illegible]	2
	PBY-5	[illegible]	2
	PBY-4	28A5021	

REQUIREMENTS PER AIRPLANE

REPLACED — APPROVED [illegible] DATE 2-13-39

REPLACED BY — CALC. WT. — ACT. WT.

± .02 — SCALE 1" = 1'-0"

ST'D PARTS — LH RH REQ. — PART NO. — LH RH REQ. — LH RH REQ. — LH RH REQ. — LH RH REQ. — LH RH REQ.

MAT. — PARTS LIST PER ASSY.

AC				2-1-39			
NAVY AL. ALLOY	[illegible]	SR-53	Z-P-2 GP	LEHMAN	[illegible]	[illegible]	[illegible]
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

RING-ARM.-SHOCK CORD
WAIST GUN TURRET

OPP. HAND

SIZE B — DWG. 28A4045

ASSY	LENGTH - A
-0	21
-2	24

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	21" DIM WAS 30"	11/7/39	[illegible]
B	REMOVED REQ'MTS of -0 FOR PBY-5	1/8/40	[illegible]
C	ADDED -2 ASSY FOR PBY-5	1/8/40	[illegible]
D	CHANGED DIM. TO 24 WAS 24 ¾	1-17-41	[illegible]
	& ADDED ½ TOLERANCE.		
E	ADDED NOTE (1)	3-12-43	[illegible]

3.

(A)

"A"

1

1

STRETCH CORD OVER BUSHING BEFORE SERVING

17C217 BUSHING
2 REQ.

(6) (-7) ½ DIA. SHOCK CORD TO CONFORM TO SPEC. 49C1 AS REGARDS TO BRAID & COLOR DESIGNATION

WRAP WITH SERVING CORD AS SHOWN

NOTE:
(1) 28A4047-() IS AN INTERCHANGEABLE ALTERNATE FOR 28A5161-2, & 28A4047-2 IS AN INT. ALT. FOR 28A5161-3.

S.O. #930-37
CONTRACT CHANGE "U"
PLANES #1241-#1243
(29-31)

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	-0 REQ.	-2 REQ.
-2	PBY-5A	28A4006	2						
-2	PBY-5B	28A4006	2						
-2	PBY-5	28A4006-2	2				28A4047-7		1
-0	28-5ME	28A4006	2				17C217	2	2
-0	PBY-4	28A4006	2				28A4047-6	1	

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES	APPROVED	DATE
	[illegible]	3-13-39
REPLACED BY	CALC. WT.	ACT. WT.
	M.N.S.	

[redacted]

AC			
NAVY NOTED	NOTED	NONE	NOTED
MATERIAL	SPEC.	HEAT TREAT	FINISH

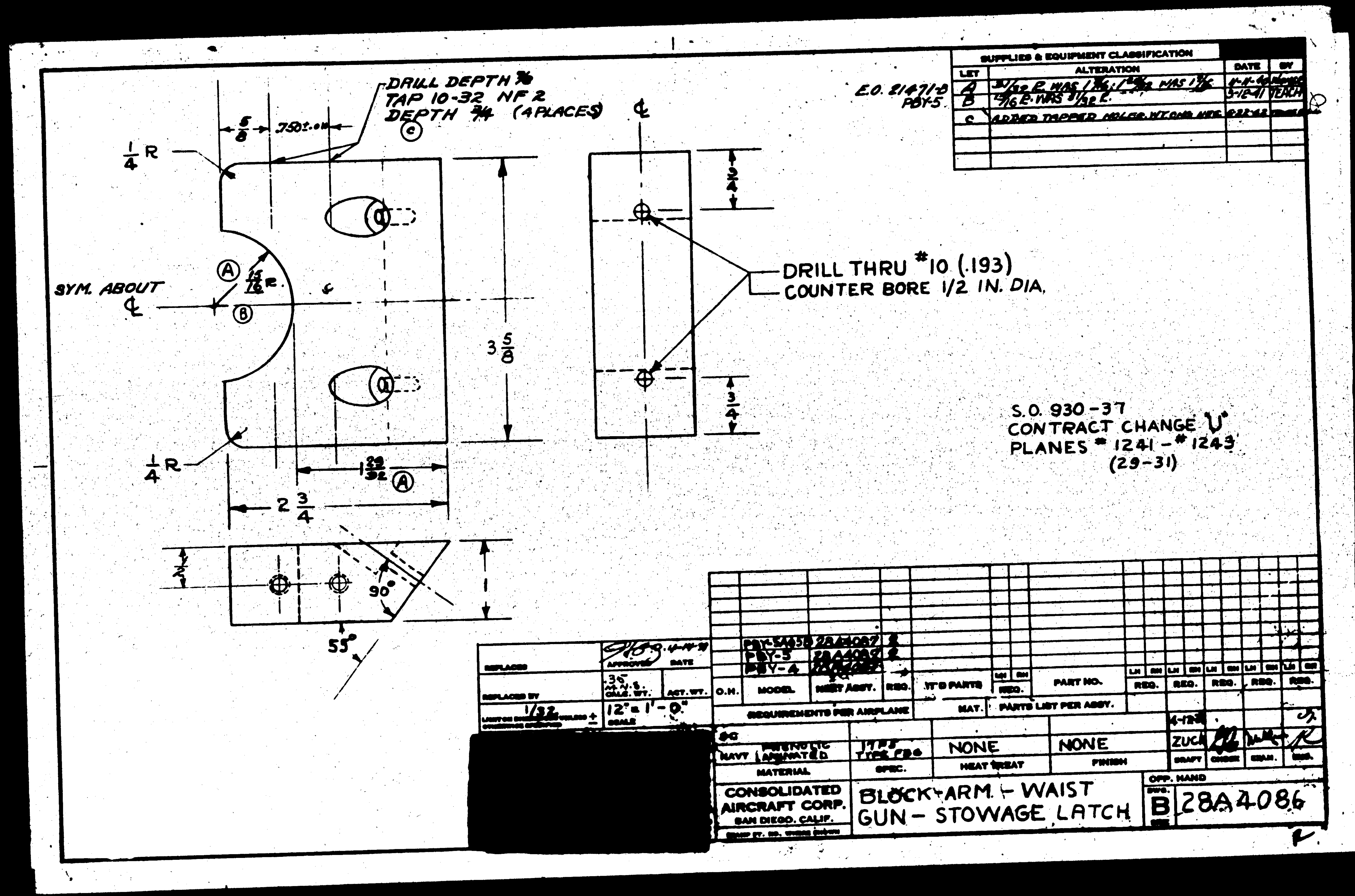
DRAFT	CHECK	EXAM.	ENG.
[illegible]	[illegible]		[illegible]

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

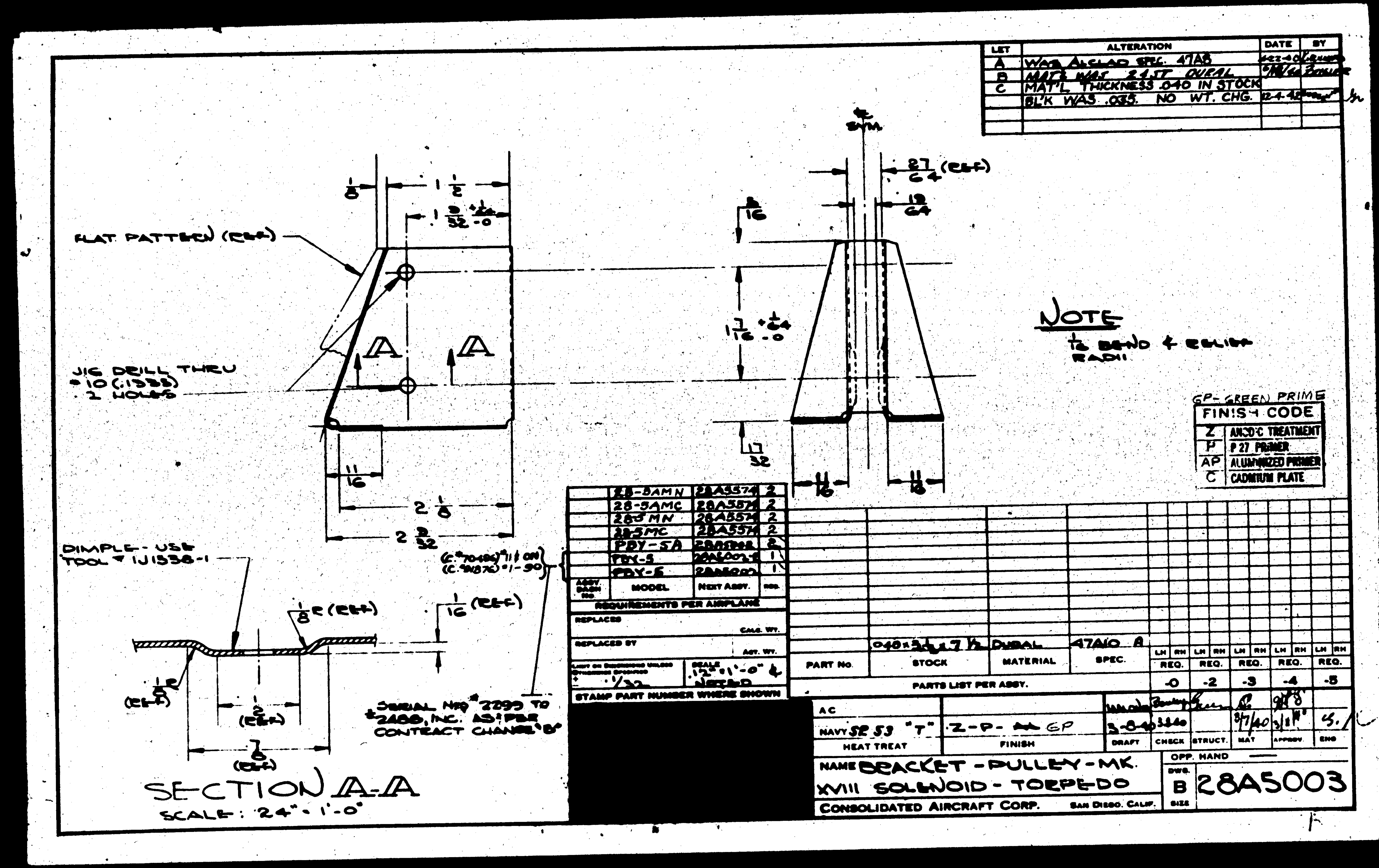
CORD - ARM. - WAIST GUN TURRET - ELASTIC

OPP. HAND

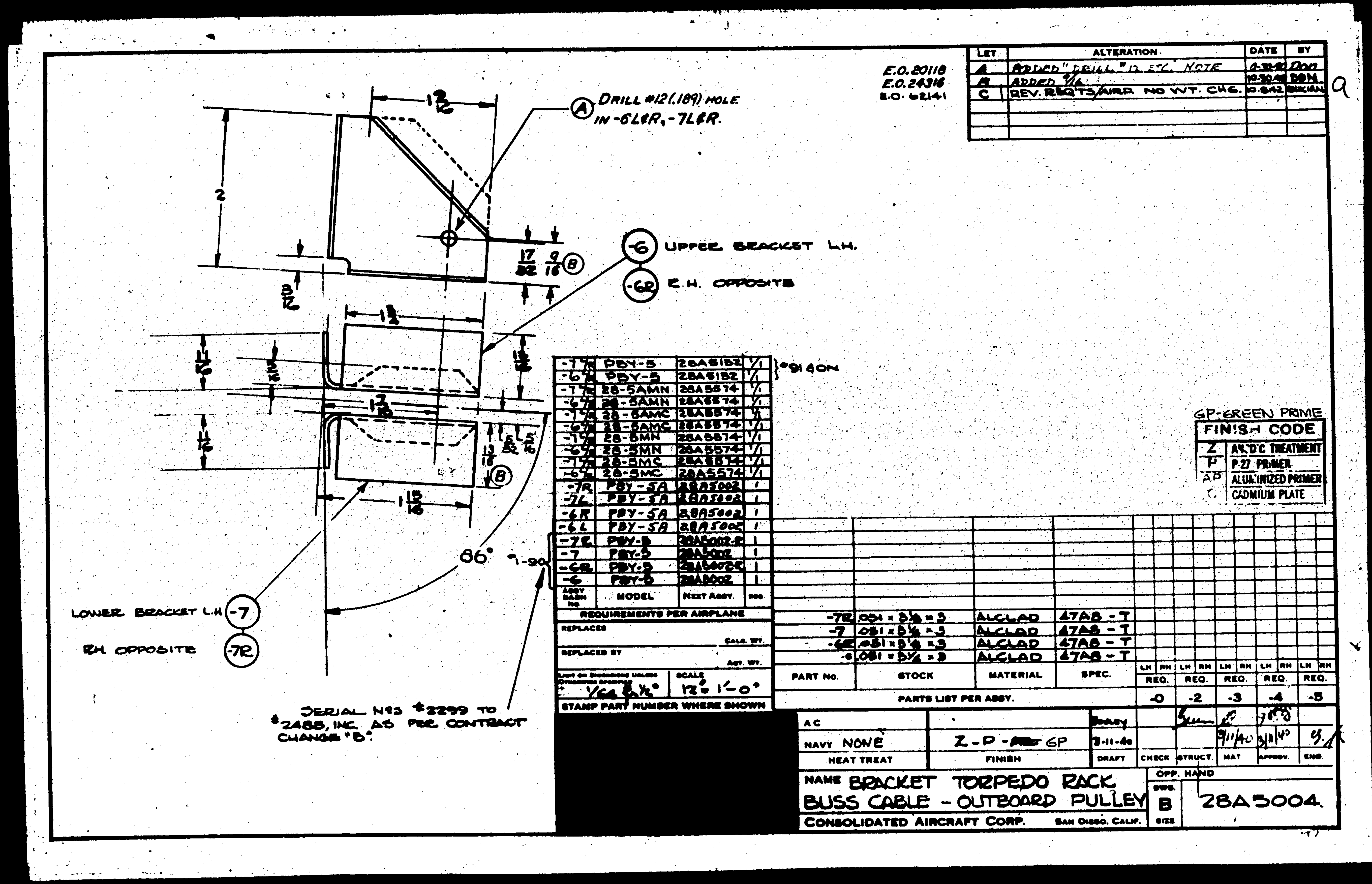
B 28A4047



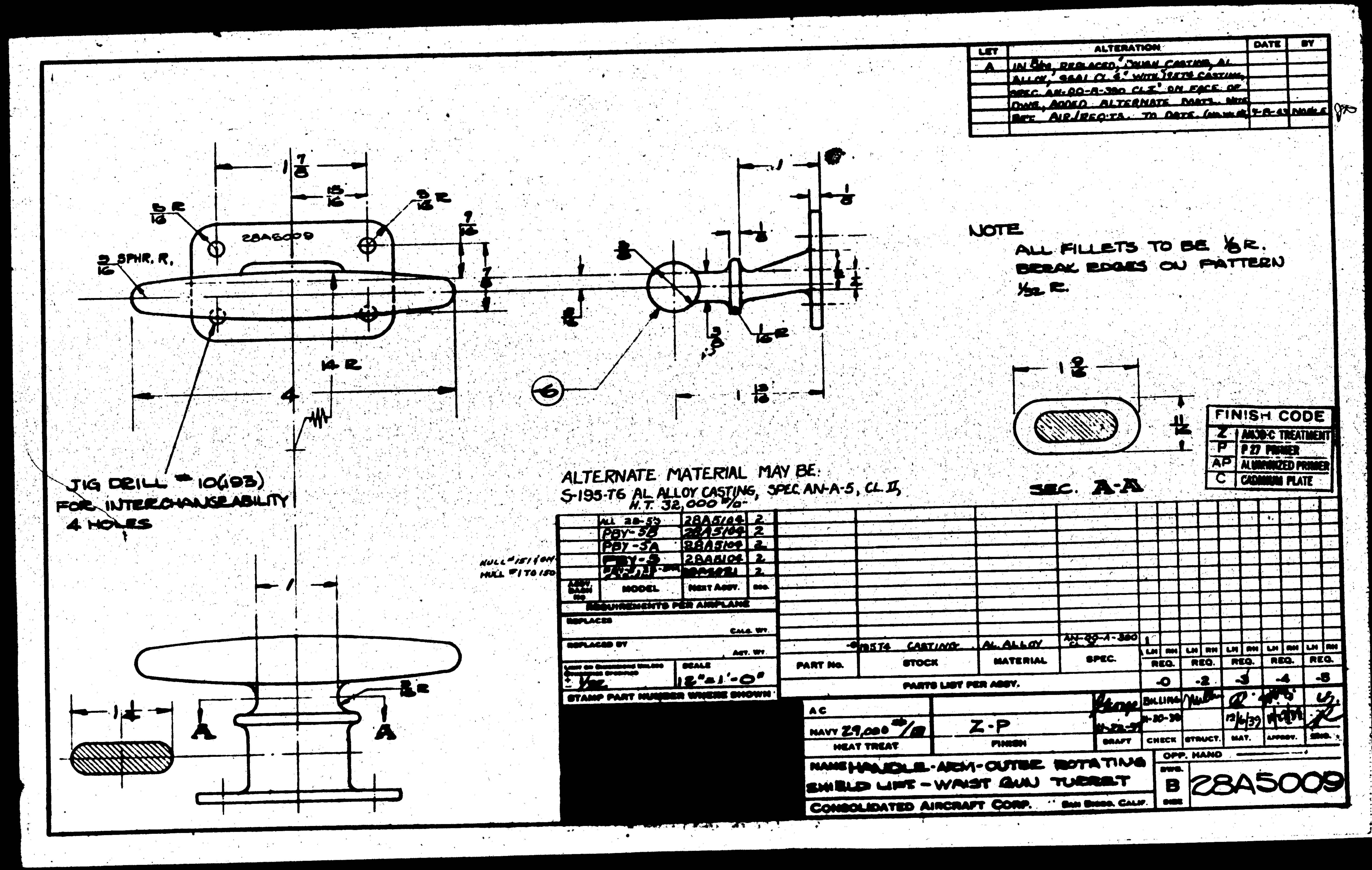
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
E.O. 21471-B PBY-5
DRILL DEPTH
TAP 10-32 NF 2
DEPTH (4 PLACES)
SYM. ABOUT ℄
3 5/8
1 29/32
2 3/4
1/4 R
90°
55°
DRILL THRU #10 (.193)
COUNTER BORE 1/2 IN. DIA.
S.O. 930-37
CONTRACT CHANGE "U"
PLANES #1241 - #1243
(29-31)
REPLACES
APPROVED
DATE
REPLACED BY
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
12" = 1'-0"
SCALE
[redacted]
NAVY LAMINATED
MATERIAL
SPEC.
NONE
HEAT TREAT
NONE
FINISH
DRAFT
CHECK
EXAM.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
BLOCK - ARM - WAIST GUN - STOWAGE LATCH
B 28A4086

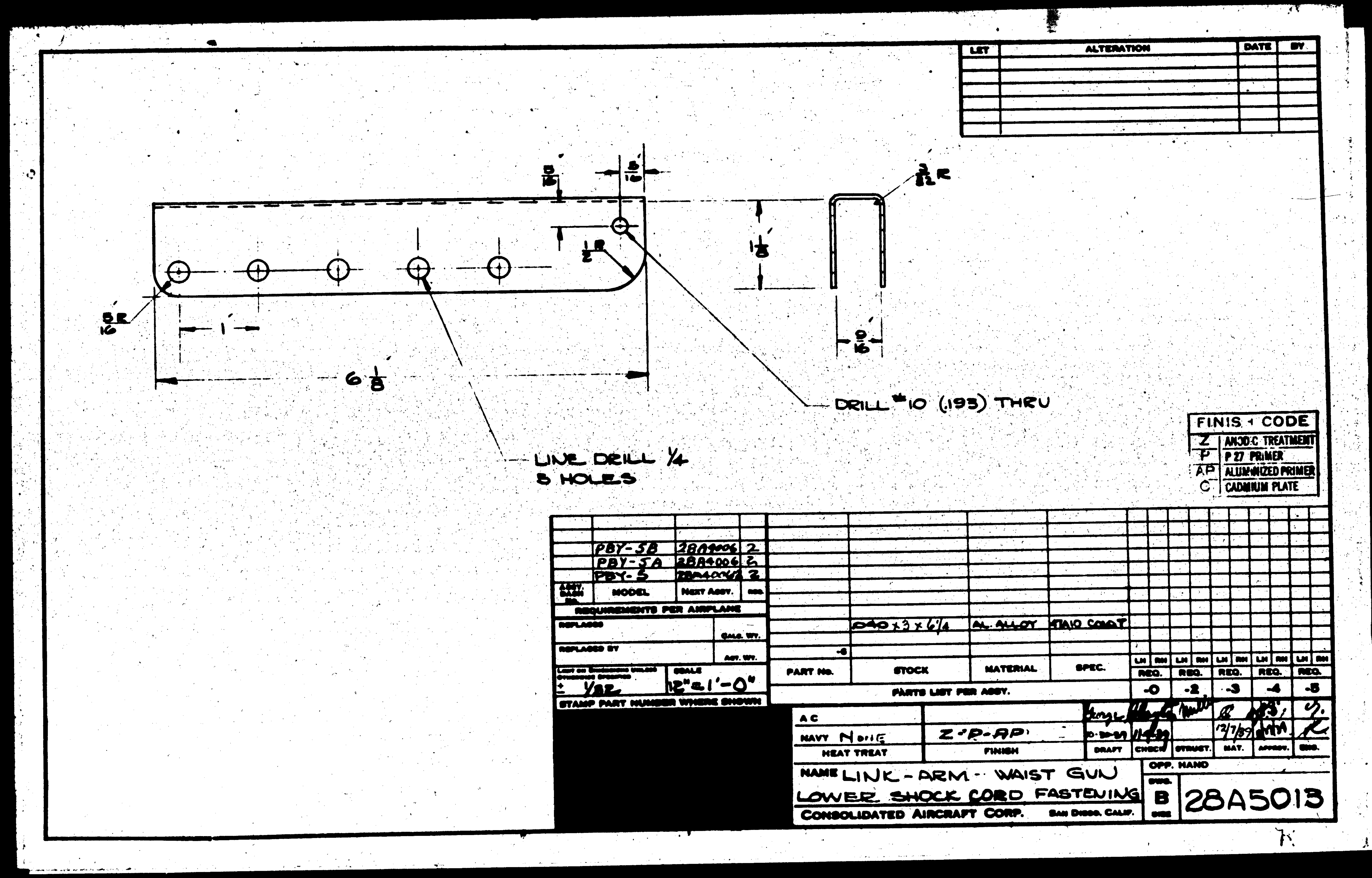


LET | ALTERATION | DATE | BY
A WAS ALCLAD SPEC. 47A8
B MAT'L WAS 24ST DURAL
C MAT'L THICKNESS .040 IN STOCK BL'K WAS .035. NO WT. CHG.
FLAT PATTERN (REF)
JIG DRILL THRU #10 (.1338) 2 HOLES
NOTE
1/16 BEND & RELIEF RADII
GP-GREEN PRIME
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
DIMPLE - USE TOOL # 1J1338-1
SERIAL NOS #2299 TO #2488, INC. AS PER CONTRACT CHANGE "B"
SECTION A-A
SCALE: 24" = 1'-0"
28-5AMN 28A5574 2
28-5AMC 28A5574 2
28-5MN 28A5574 2
28-5MC 28A5574 2
PBY-5A 28A5002 2
PBY-5 28A5002 1
PBY-5 28A5002 1
ASSY. DASH No. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
REPLACED BY
STAMP PART NUMBER WHERE SHOWN
.040 DURAL 47A10 B
PART No. | STOCK | MATERIAL | SPEC.
PARTS LIST PER ASSY.
-0 -2 -3 -4 -5
NAVY SR 53 "T" Z-P- GP
HEAT TREAT | FINISH
DRAFT | CHECK | STRUCT. | MAT | APPROV. | ENG
3-8-40
OPP. HAND
NAME BRACKET - PULLEY - MK. XVIII SOLENOID - TORPEDO
DWG. SIZE B 28A5003
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

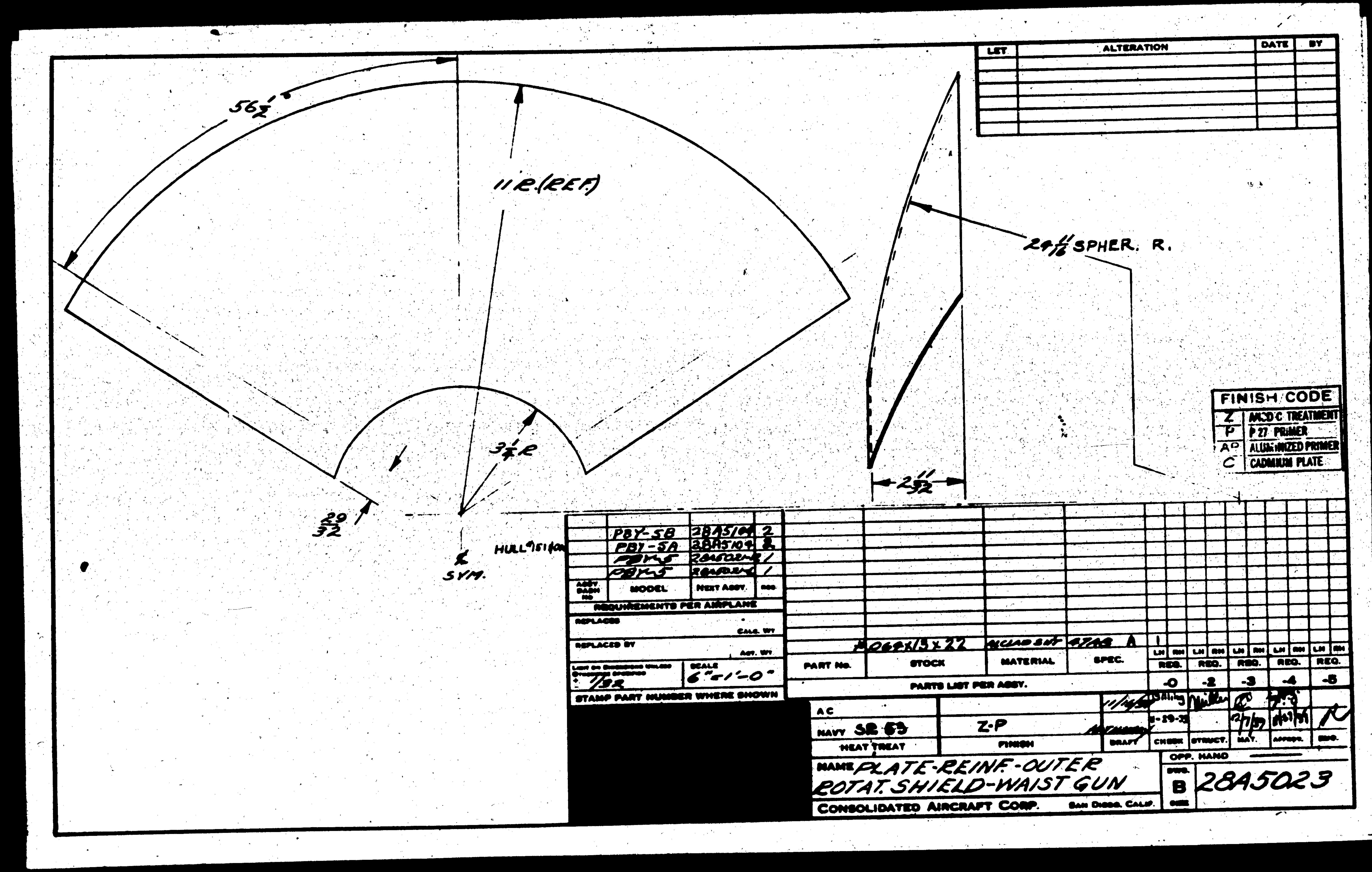


E.O. 20118
E.O. 24316
E.O. 62141
LET | ALTERATION | DATE | BY
A | ADDED "DRILL" 12 ETC. NOTE
B | ADDED 9/16
C | REV. REQTS/AIRP. NO WT. CHG.
DRILL #12 (.189) HOLE IN -6L&R, -7L&R.
-6 UPPER BRACKET L.H.
-6R R.H. OPPOSITE
LOWER BRACKET L.H. -7
RH OPPOSITE -7R
86°
2
3/16
17/32
9/16
1 3/4
1 15/16
11/16
13/16
5/32
5/16
SERIAL NOS #2299 TO #2488, INC. AS PER CONTRACT CHANGE "B".
#91 & ON
-90
GP-GREEN PRIME
FINISH CODE
Z | ANODIC TREATMENT
P | P-27 PRIMER
AP | ALUMINIZED PRIMER
C | CADMIUM PLATE
-7R | PBY-5 | 28A5182 | 1/1
-6R | PBY-5 | 28A5182 | 1/1
-7L&R | 28-5AMN | 28A5574 | 1/1
-6L&R | 28-5AMN | 28A5574 | 1/1
-7L&R | 28-5AMC | 28A5574 | 1/1
-6L&R | 28-5AMC | 28A5574 | 1/1
-7L&R | 28-5MN | 28A5574 | 1/1
-6L&R | 28-5MN | 28A5574 | 1/1
-7L&R | 28-5MC | 28A5574 | 1/1
-6L&R | 28-5MC | 28A5574 | 1/1
-7R | PBY-5A | 28A5002 | 1
-7L | PBY-5A | 28A5002 | 1
-6R | PBY-5A | 28A5002 | 1
-6L | PBY-5A | 28A5002 | 1
-7R | PBY-5 | 28A5002-R | 1
-7 | PBY-5 | 28A5002 | 1
-6R | PBY-5 | 28A5002-R | 1
-6 | PBY-5 | 28A5002 | 1
ASSY DASH NO | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
SCALE 12" = 1'-0"
1/64 & 1/2°
STAMP PART NUMBER WHERE SHOWN
-7R | .051 x 3 1/4 x 3 | ALCLAD | 47AB-T
-7 | .051 x 3 1/4 x 3 | ALCLAD | 47AB-T
-6R | .051 x 3 1/4 x 3 | ALCLAD | 47AB-T
-6 | .051 x 3 1/4 x 3 | ALCLAD | 47AB-T
PART No. | STOCK | MATERIAL | SPEC.
LH RH REQ. -0 | LH RH REQ. -2 | LH RH REQ. -3 | LH RH REQ. -4 | LH RH REQ. -5
PARTS LIST PER ASSY.
AC
NAVY NONE
HEAT TREAT
Z-P-GP
FINISH
8-11-40
DRAFT CHECK STRUCT. MAT APPROV. ENG.
9/11/40
OPP. HAND
NAME BRACKET TORPEDO RACK BUSS CABLE - OUTBOARD PULLEY
DWG. SIZE B
28A5004
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

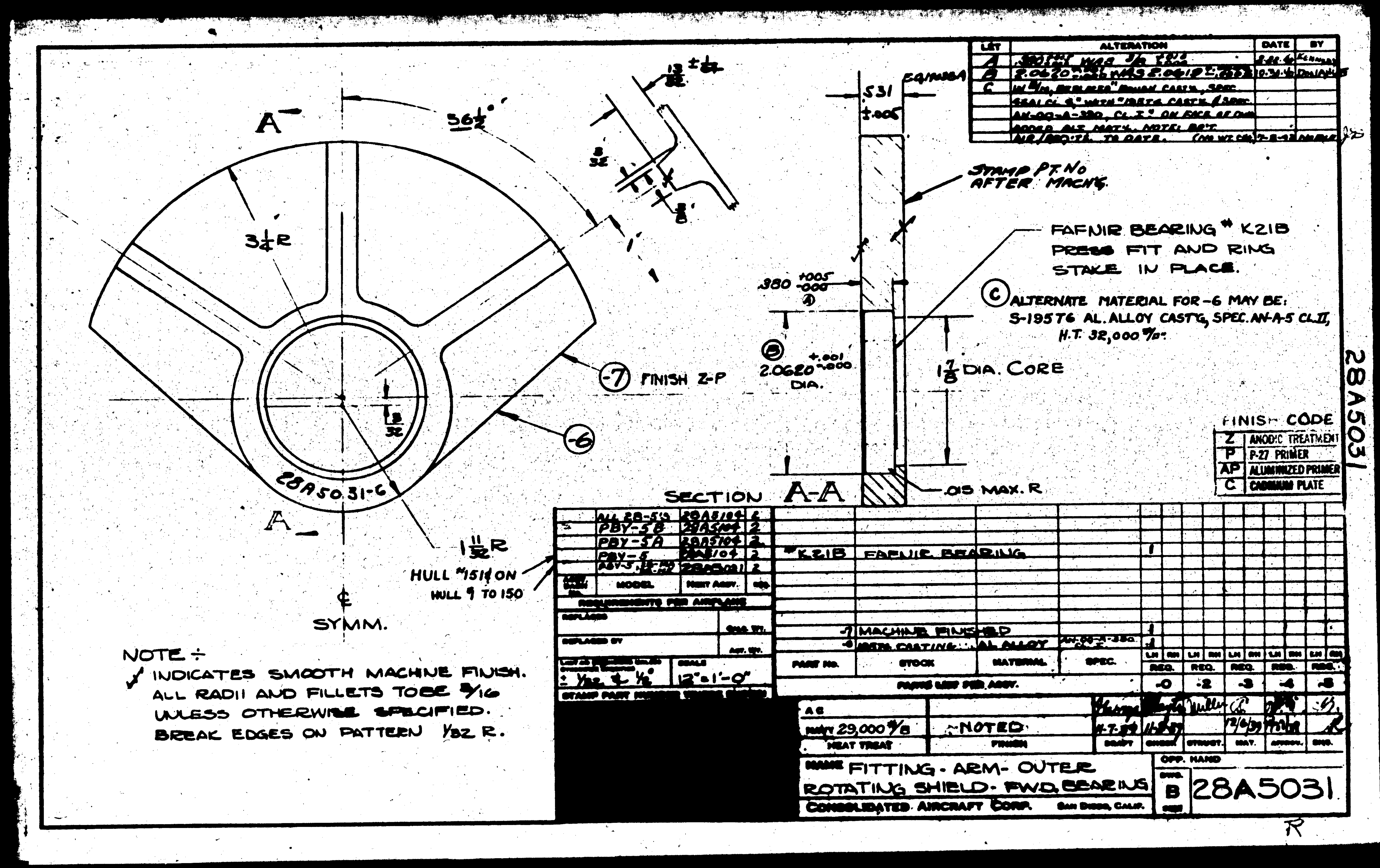

LET
ALTERATION
DATE
BY
A
IN B/M REPLACED "SWAN CASTING, AL ALLOY, 356 CL 3" WITH "ST.T6 CASTING, SPEC AN-QQ-A-390 CL I" ON FACE OF DWG. ADDED ALTERNATE PARTS. NOTE RPT AIR REQ'TS. TO DATE.
NOTE
ALL FILLETS TO BE 1/8 R.
BREAK EDGES ON PATTERN 1/32 R.
28A5009
5/16 SPHR. R.
5/16 R
14 R
JIG DRILL # 10(.193) FOR INTERCHANGEABILITY 4 HOLES
SEC. A-A
FINISH CODE
Z AN-QQ-C TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
ALTERNATE MATERIAL MAY BE:
S-195-T6 AL ALLOY CASTING, SPEC AN-A-5, CL II, H.T. 32,000 #/□"
HULL #151 ON
HULL #1 TO 150
PBY-5B 28A5104 2
PBY-5A 28A5104 2
PBY-5 28A5104 2
ASSY DASH NO.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
SCALE
12"=1'-0"
STAMP PART NUMBER WHERE SHOWN
ST.T4 CASTING
AL ALLOY
AN-QQ-A-390 CL I
PART No.
STOCK
MATERIAL
SPEC.
LH RH
REQ.
-0
-2
-3
-4
-5
PARTS LIST PER ASSY.
AC
NAVY 29,000 #/□"
HEAT TREAT
Z-P
FINISH
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME HANDLE-ARM-OUTER ROTATING SHIELD LIFT - WAIST GUN TURRET
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
B
28A5009



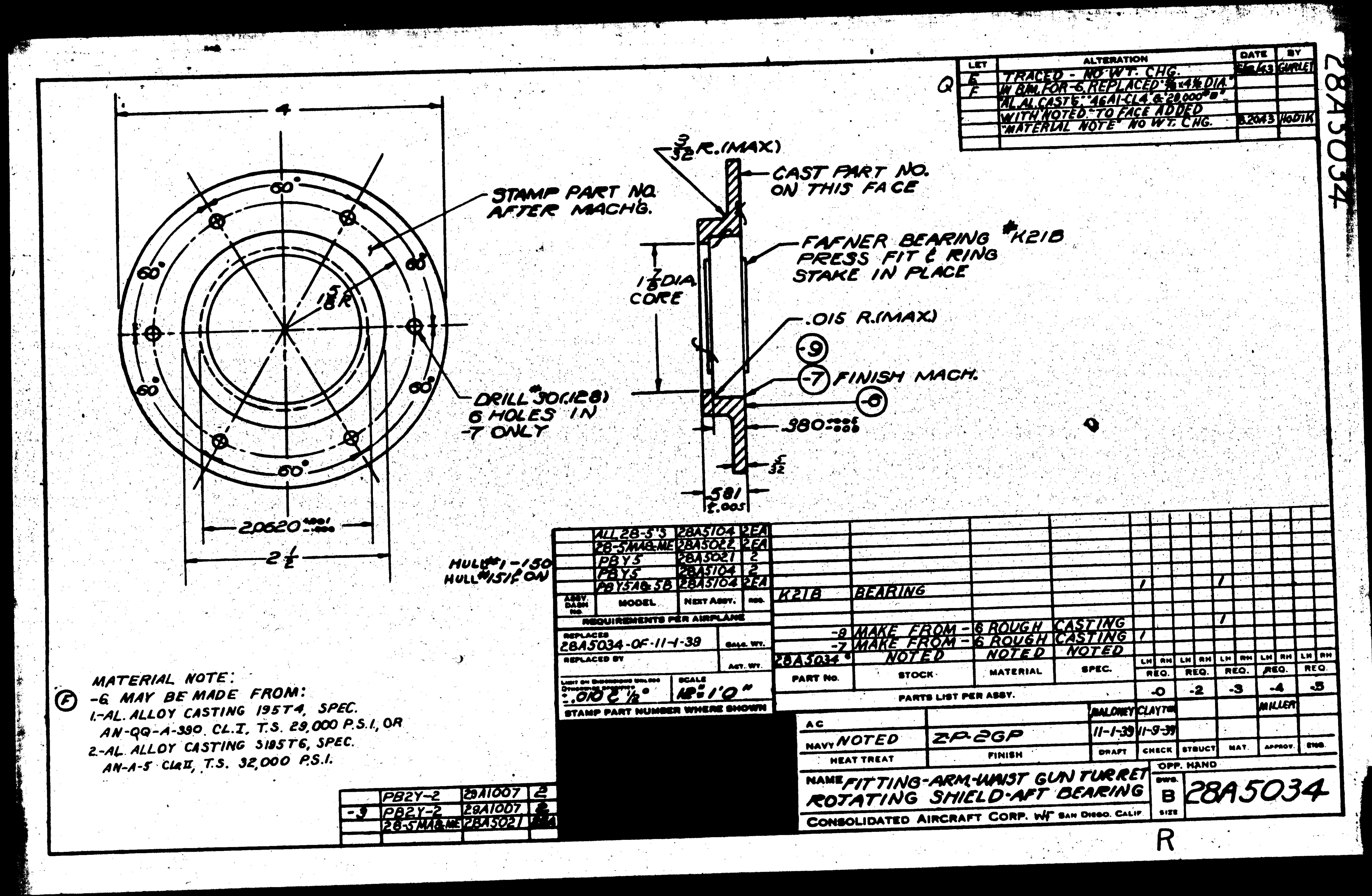
LET
ALTERATION
DATE
BY
5/16
5/16
3/32 R
1/2 R
1 3/8
5/16 R
1
6 1/8
9/16
DRILL #10 (.193) THRU
LINE DRILL 1/4
5 HOLES
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5B 28A4006 2
PBY-5A 28A4006 2
PBY-5 28A4006 2
ASSY. DASH NO.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
SCALE
12"=1'-0"
STAMP PART NUMBER WHERE SHOWN
.040 x 3 x 6 1/4
AL. ALLOY
STAIO COMT
-0
PART No.
STOCK
MATERIAL
SPEC.
LH RH
REQ.
-0
-2
-3
-4
-5
PARTS LIST PER ASSY.
AC
NAVY None
HEAT TREAT
Z-P-AP
FINISH
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME LINK-ARM - WAIST GUN
LOWER SHOCK CORD FASTENING
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
DWG. SIZE B
28A5013



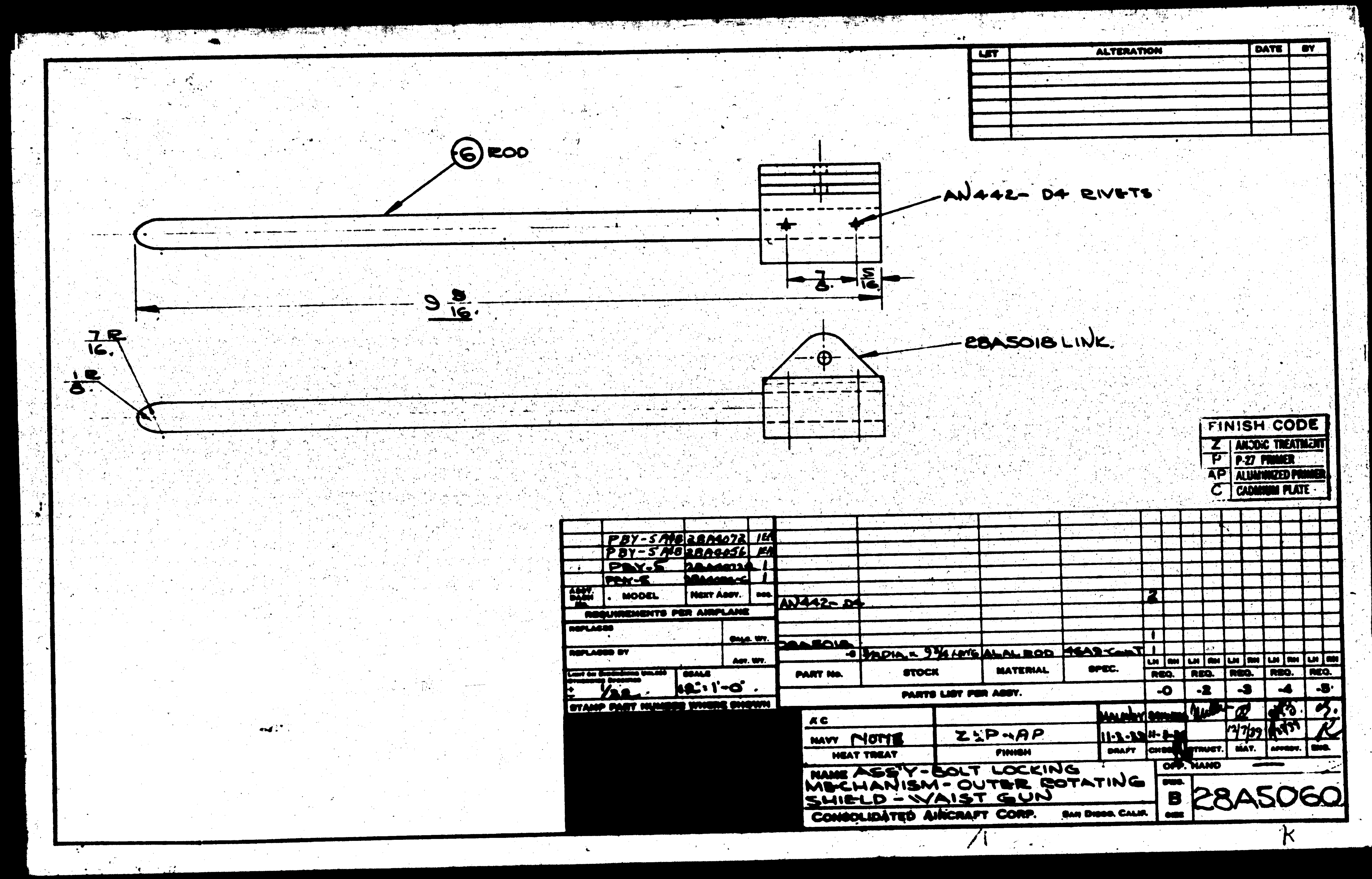
56 1/2
11 R. (REF.)
3 1/4 R
29/32
℄ SYM.
HULL
24 11/16 SPHER. R.
2 11/32
LET
ALTERATION
DATE
BY
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5B 28A5109 2
PBY-5A 28A5109 2
PBY-5 28A5024 1
PBY-5 28A5024 1
ASSY DASH NO.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT
REPLACED BY
ACT. WT
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
SCALE 6"=1'-0"
STAMP PART NUMBER WHERE SHOWN
.064 x 15 x 22
ALCLAD SHT
A
1
PART No.
STOCK
MATERIAL
SPEC.
LH RH
REQ.
-0
-2
-3
-4
-5
PARTS LIST PER ASSY.
A C
NAVY SB 53
HEAT TREAT
Z-P
FINISH
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME PLATE-REINF.-OUTER
ROTAT. SHIELD-WAIST GUN
DWG. SIZE B
28A5023
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.



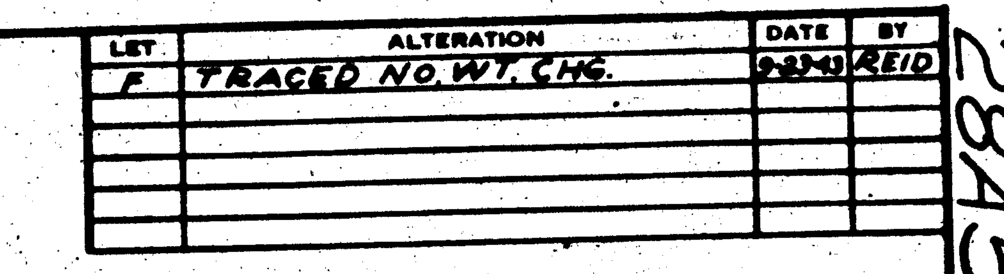
FAFNIR BEARING # K21B PRESS FIT AND RING STAKE IN PLACE.
STAMP PT. NO AFTER MACH'G.
(C) ALTERNATE MATERIAL FOR -6 MAY BE: S-195T6 AL. ALLOY CAST'G, SPEC. AN-A-5 CL.II, H.T. 32,000 #/□"
1 7/8 DIA. CORE
2.0620 +.001 -.000 DIA.
.380 +.005 -.000
.531 ±.005
.015 MAX. R
SECTION A-A
-7 FINISH Z-P
-6
28A5031-6
1 11/32 R
3 1/4 R
56 1/2°
HULL #151 ON
HULL 9 TO 150
℄ SYMM.
NOTE ÷
✓ INDICATES SMOOTH MACHINE FINISH.
ALL RADII AND FILLETS TO BE 3/16 UNLESS OTHERWISE SPECIFIED.
BREAK EDGES ON PATTERN 1/32 R.
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
#K21B FAFNIR BEARING
-7 MACHINE FINISHED
-6 CASTING AL. ALLOY AN-QQ-A-380
PBY-5B 28A5104
PBY-5A 28A5104
PBY-5 28A5104
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES
REPLACED BY
PART NO.
STOCK
MATERIAL
SPEC.
PARTS LIST PER ASSY.
SCALE 12" = 1'-0"
± 1/32 ± 1/2°
HEAT TREAT 29,000 #/□"
FINISH AS NOTED
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
NAME FITTING - ARM - OUTER ROTATING SHIELD - FWD. BEARING
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
OPP. HAND
DWG. SIZE B
28A5031



28A5034
LET
ALTERATION
DATE
BY
Q
E TRACED - NO WT. CHG.
F W BM. FOR -6 REPLACED "…x4½ DIA" "AL. AL. CAST'G" "46A1-CL4 & 29,000# B" WITH "NOTED" TO FACE ADDED "MATERIAL NOTE" NO WT. CHG.
4
60°
STAMP PART NO. AFTER MACH'G.
3/32 R.(MAX.)
CAST PART NO. ON THIS FACE
FAFNER BEARING #K21B PRESS FIT & RING STAKE IN PLACE
1 7/8 DIA. CORE
5/16 R
.015 R.(MAX.)
-9
-7 FINISH MACH.
-6
DRILL #30(.128) 6 HOLES IN -7 ONLY
.980
5/32
.581 ±.005
2.0620
2 1/2
HULL #1-150
HULL #151 & ON
ALL 28-5'S 28A5104 2EA
28-5MA&ME 28A5022 2EA
PBY5 28A5021 2
PBY5 28A5104 2
PBY5A&5B 28A5104 2EA
ASSY. DASH NO.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
REPLACES 28A5034-OF-11-1-39
CALC. WT.
REPLACED BY
ACT. WT.
SCALE 12"=1'0"
STAMP PART NUMBER WHERE SHOWN
K21B BEARING
-9 MAKE FROM -6 ROUGH CASTING
-7 MAKE FROM -6 ROUGH CASTING
28A5034-6 NOTED NOTED NOTED
PART No.
STOCK
MATERIAL
SPEC.
LH RH
REQ.
-0 -2 -3 -4 -5
PARTS LIST PER ASSY.
MALONEY CLAYTON
MILLER
AC
NAVY NOTED
ZP-2GP
11-1-39 11-9-39
HEAT TREAT
FINISH
DRAFT CHECK STRUCT MAT. APPROV. ENG.
OPP. HAND
NAME FITTING-ARM-WAIST GUN TURRET ROTATING SHIELD-AFT BEARING
DWG. SIZE B
28A5034
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
MATERIAL NOTE:
(F) -6 MAY BE MADE FROM:
1.-AL. ALLOY CASTING 195T4, SPEC. AN-QQ-A-390 CL.I, T.S. 29,000 P.S.I., OR
2.-AL. ALLOY CASTING 319ST6, SPEC. AN-A-5 CL.II, T.S. 32,000 P.S.I.
PB2Y-2 28A1007 2
-9 PB2Y-2 28A1007 2
28-5MA&ME 28A5021
R

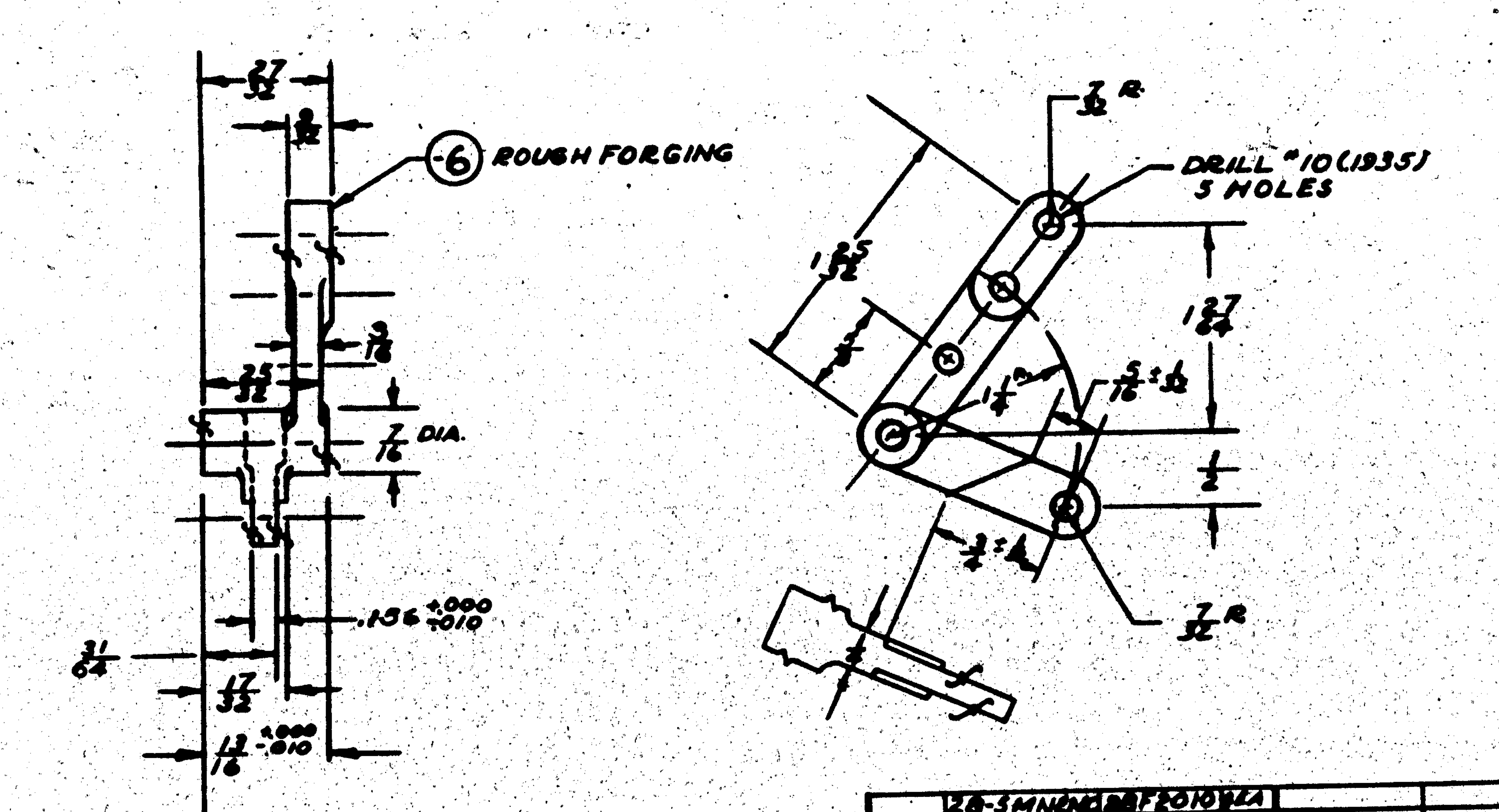


LET
ALTERATION
DATE
BY
6 ROD
AN442- D4 RIVETS
9 5/16
28A5018 LINK.
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
PBY-5A 28A4072
PBY-5A 28A4056
PBY-5
PBY-5
ASSY. DASH NO.
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
SCALE
STAMP PART NUMBER WHERE SHOWN
AN442- D4
28A5018
-6 3/8 DIA. x 9 3/4 LONG AL.AL.ROD
PART No.
STOCK
MATERIAL
SPEC.
REQ.
-0
-2
-3
-4
-5
PARTS LIST PER ASSY.
NAVY NONE
HEAT TREAT
Z-P-AP
FINISH
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME ASS'Y-BOLT LOCKING MECHANISM-OUTER ROTATING SHIELD-WAIST GUN
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
B
28A5060



LET	ALTERATION	DATE	BY
F	TRACED NO. WT. CHG.	9-23-43	REID

28A5093



FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	28-5MNEN0	28F2010	4A
	28-5AMC	28F2010	4
	28-5AMN	28F2010	4
	PBY5A	28F2010	4
	PBY5	28F2010	4

REQUIREMENTS PER AIRPLANE

REPLACES 28A5093 -2-6-40	CALC. WT.
REPLACED BY	ACT. WT.
LIGHT OR DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64 & 1/2°	SCALE 12" = 1' 0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	-0 LH	-0 RH	-2 LH	-2 RH	-3 LH	-3 RH	-4 LH	-4 RH	-5 LH	-5 RH
28A5093	MACH. FORGING MAKE FROM -6												
-6	ROUGH FORGING	C.M. STEEL	AN-QQ-S-684										

PARTS LIST PER ASSY.

HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.
AC		MALONEY	BOWLEY			H.P.Z.	
NAVY	C-P-2 GP	2-6-40	3-5-40			3-9-40	

OPP. HAND NONE

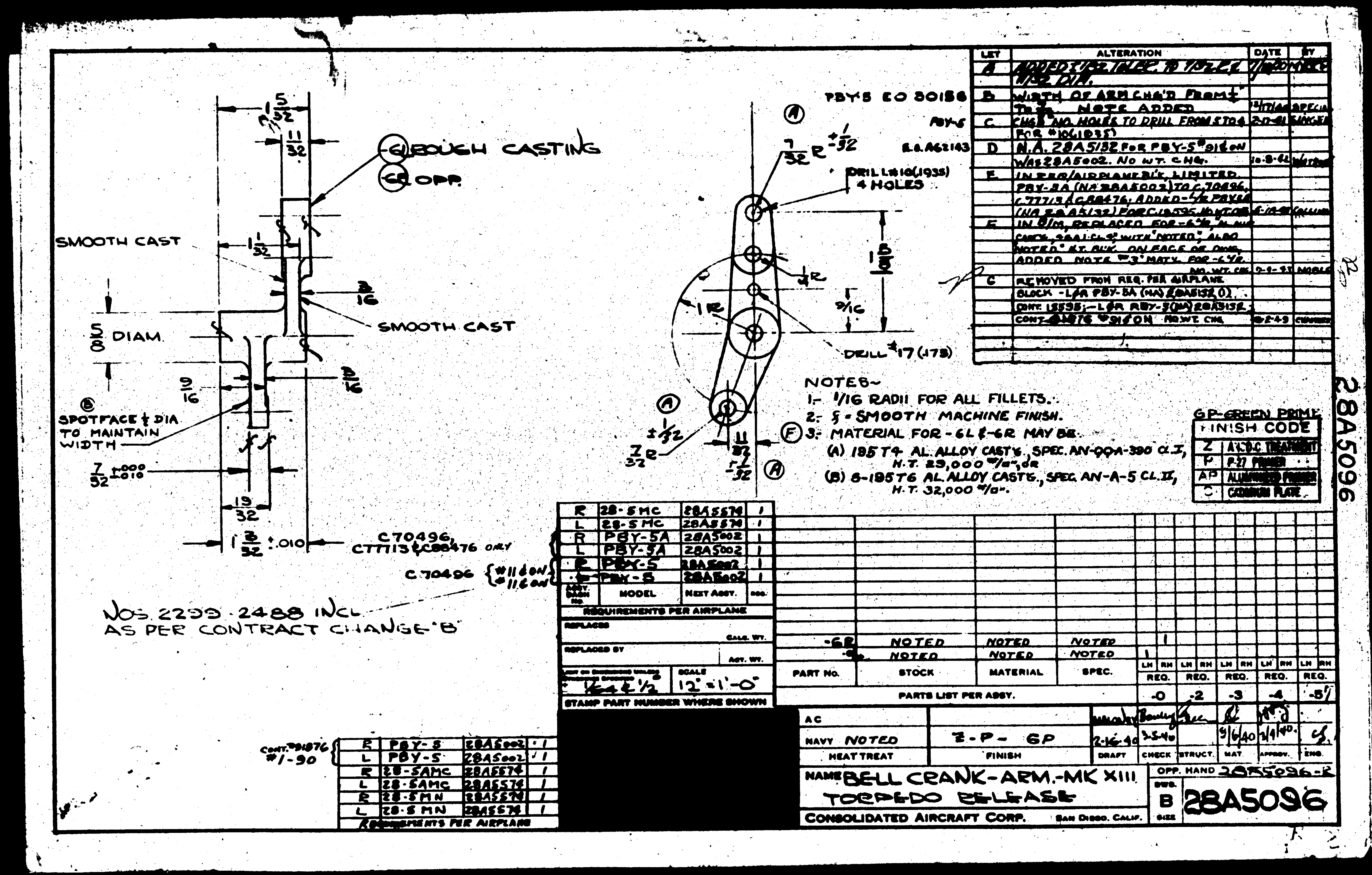
NAME BELL CRANK-ARM MK XXXV BOMB RACK RELEASE

DWG. SIZE B 28A5093

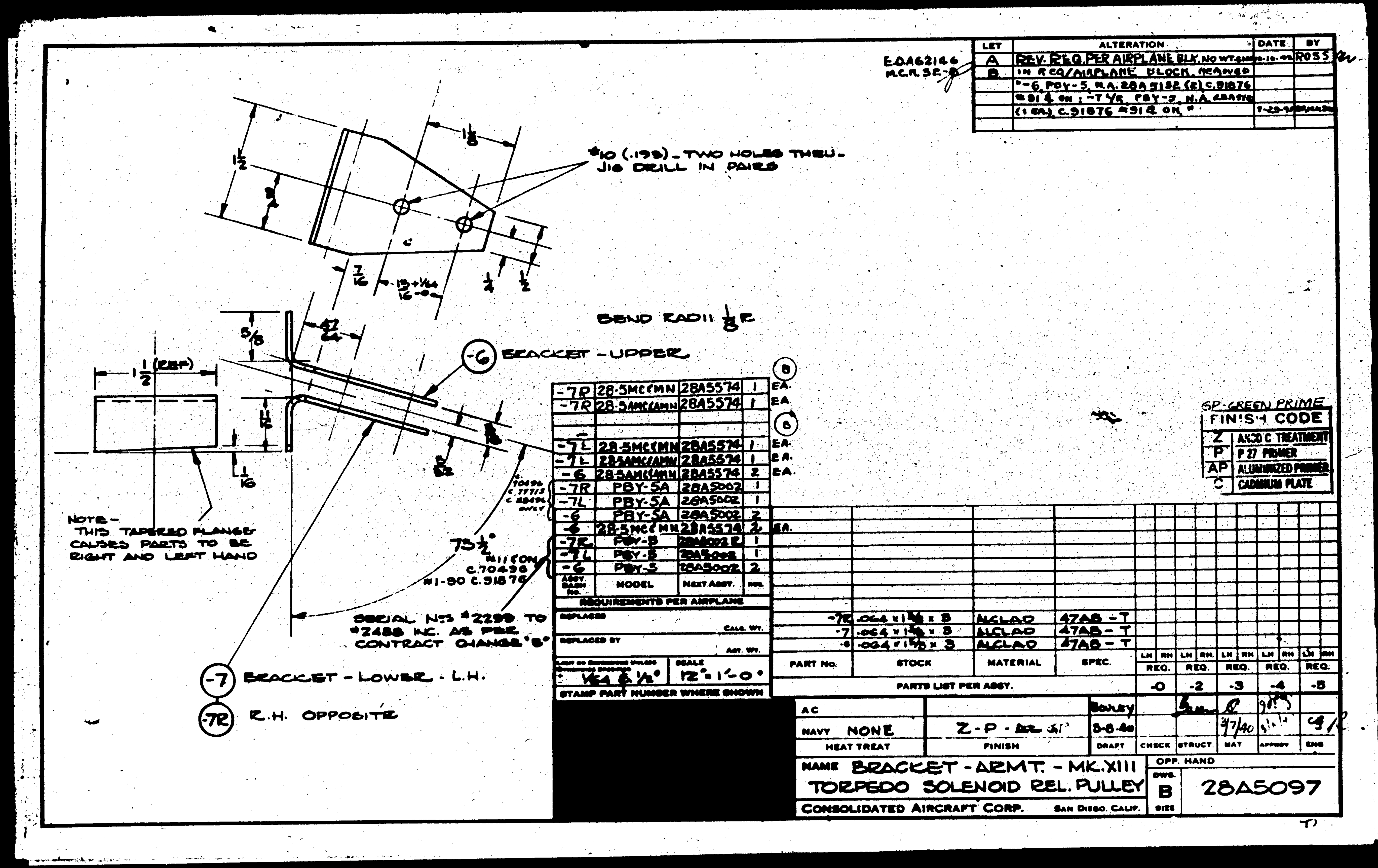
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R

NOTE
1/8 RADII FOR ALL FILLETS
ƒ = SMOOTH MACHINE FINISH
7° DRAFT ANGLES



ALTERATION
LET
DATE
BY
PBY5 EO 30158
WIDTH OF ARM CHG'D FROM
NOTE ADDED
CHG'D NO. HOLES TO DRILL FROM 5 TO 4
N.A. 28A5132 FOR PBY-5 #91 & ON
WAS 28A5002. NO WT. CHG.
REMOVED FROM REQ. PER AIRPLANE
ROUGH CASTING
SMOOTH CAST
5/8 DIAM.
SPOTFACE DIA TO MAINTAIN WIDTH
DRILL #10 (.1935) 4 HOLES
DRILL #17 (.173)
NOTES~
1.- 1/16 RADII FOR ALL FILLETS.
2.- S = SMOOTH MACHINE FINISH.
3.- MATERIAL FOR -6L & -6R MAY BE
(A) 195 T4 AL. ALLOY CAST'G. SPEC. AN-QQA-390 CL.I, H.T. 29,000 #/□", OR
(B) S-195 T6 AL. ALLOY CAST'G., SPEC. AN-A-5 CL.II, H.T. 32,000 #/□".
GP-GREEN PRIME
FINISH CODE
Z ANOD.C TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
C70496, C77713 & C88476 ONLY
C 70496
NOS. 2299 - 2488 INCL. AS PER CONTRACT CHANGE 'B'
R 28-5MC 28A5574 1
L 28-5MC 28A5574 1
R PBY-5A 28A5002 1
L PBY-5A 28A5002 1
R PBY-5 28A5002 1
L PBY-5 28A5002 1
ASSY. DASH NO.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
SCALE 12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN
-6R NOTED NOTED NOTED
-6L NOTED NOTED NOTED
PART NO.
STOCK
MATERIAL
SPEC.
LH RH REQ.
-0 -2 -3 -4 -5
PARTS LIST PER ASSY.
CONT. #91876 #1-90
R PBY-5 28A5002 1
L PBY-5 28A5002 1
R 28-5AMC 28A5574 1
L 28-5AMC 28A5574 1
R 28-5MN 28A5574 1
L 28-5MN 28A5574 1
REQUIREMENTS PER AIRPLANE
AC
NAVY NOTED
HEAT TREAT
Z - P - GP
FINISH
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND 28A5096-R
NAME BELL CRANK-ARM.-MK XIII TORPEDO RELEASE
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
DWG. SIZE B
28A5096



ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.	
-7R	28-5MC (MN	28A5574	1	EA.
-7R	28-5AMC (AMN	28A5574	1	EA.
-7L	28-5MC (MN	28A5574	1	EA.
-7L	28-5AMC (AMN	28A5574	1	EA.
-6	28-5AMC (AMN	28A5574	2	EA.
-7R	PBY-5A	28A5002	1	
-7L	PBY-5A	28A5002	1	
-6	PBY-5A	28A5002	2	
-6	28-5MC (MN	28A5574	2	EA.
-7R	PBY-5	28A5002 R	1	
-7L	PBY-5	28A5002	1	
-6	PBY-5	28A5002	2	

REQUIREMENTS PER AIRPLANE

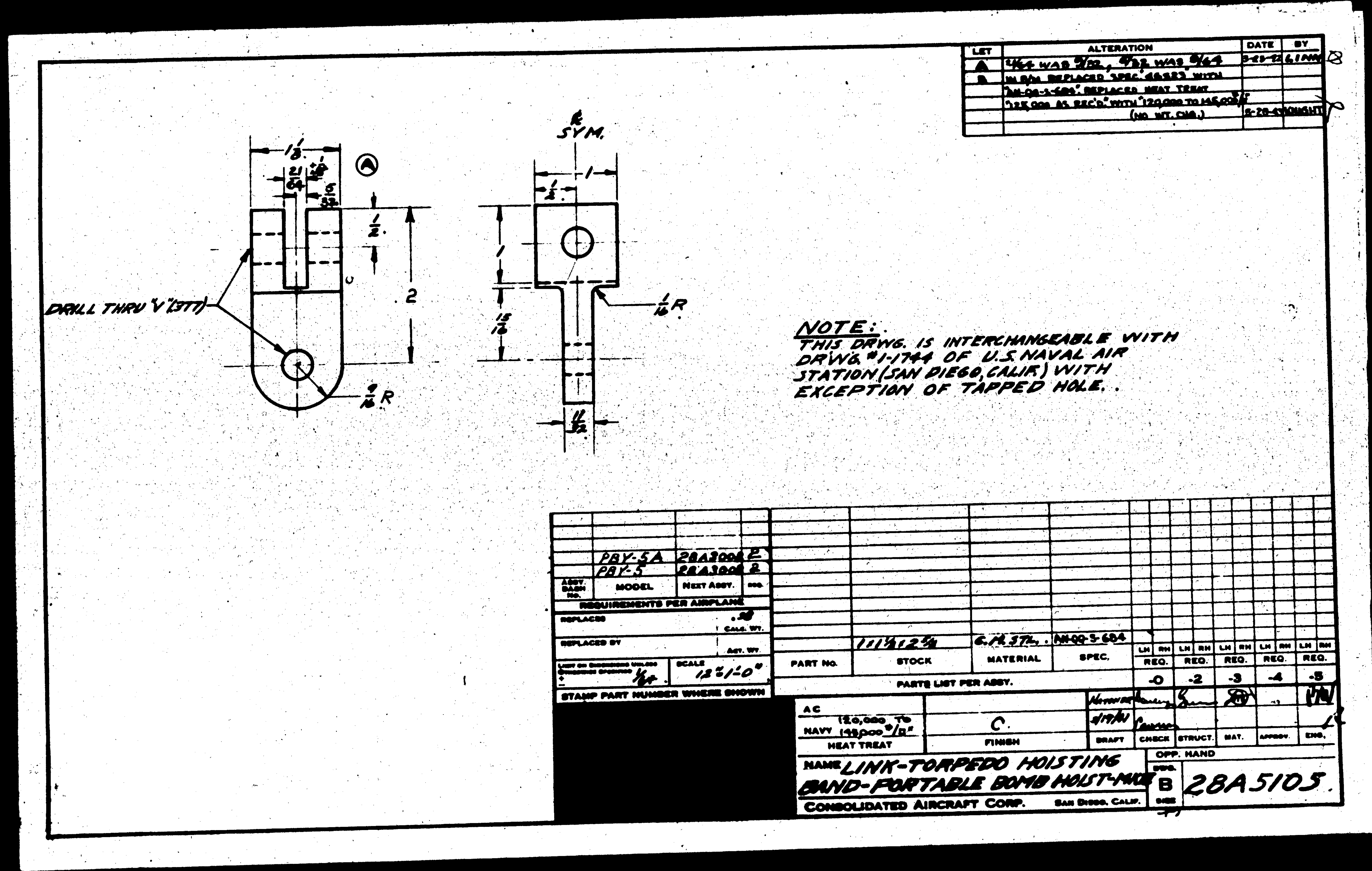
REPLACES — CALC. WT.
REPLACED BY — ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64 & 1/2° — SCALE 12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.
-7R	.064 × 1 1/8 × 3	ALCLAD	47AB-T
-7	.064 × 1 1/8 × 3	ALCLAD	47AB-T
-6	.064 × 1 1/8 × 3	ALCLAD	47AB-T

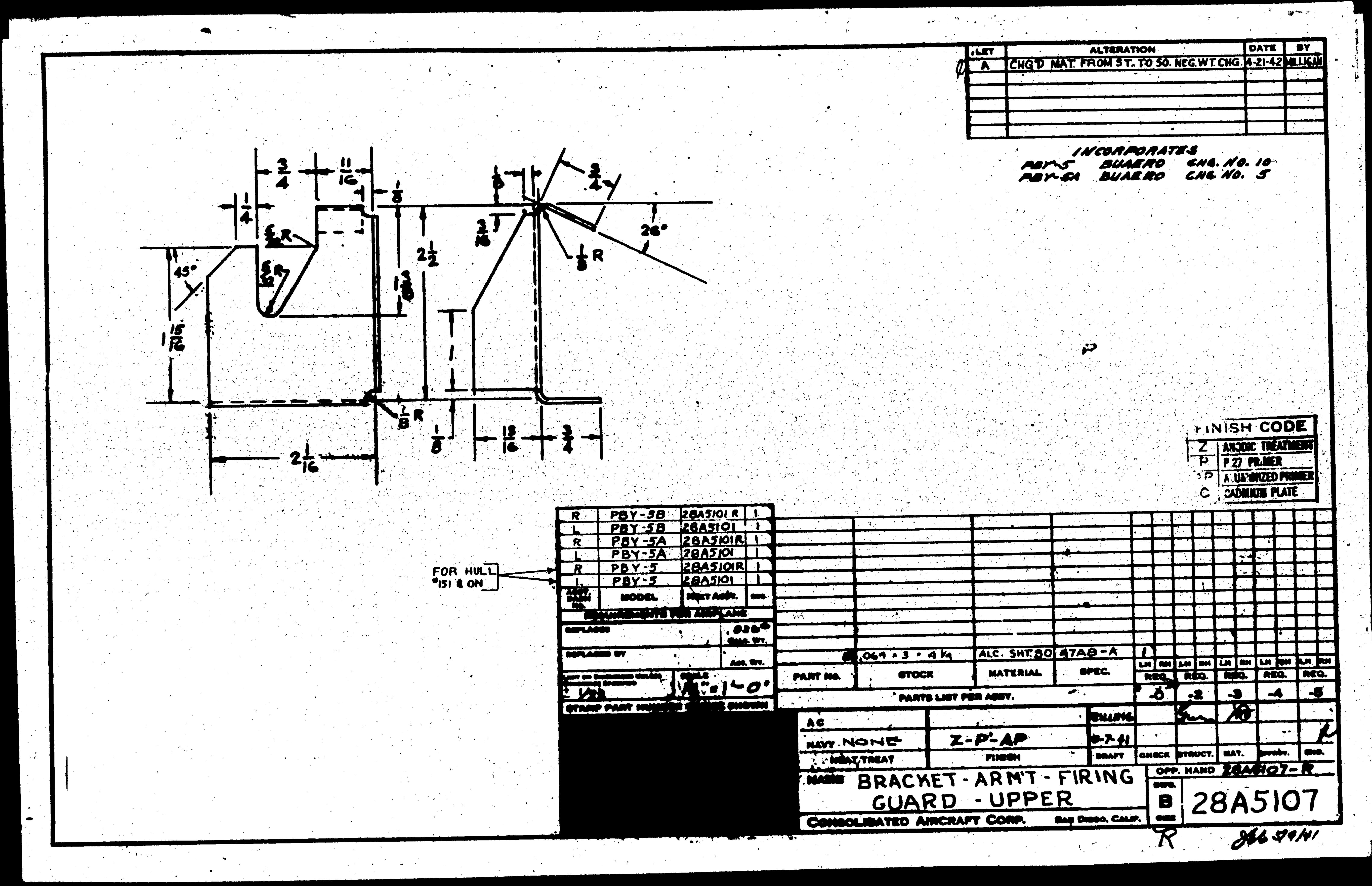
PARTS LIST PER ASSY. — LH RH REQ. -0, -2, -3, -4, -5

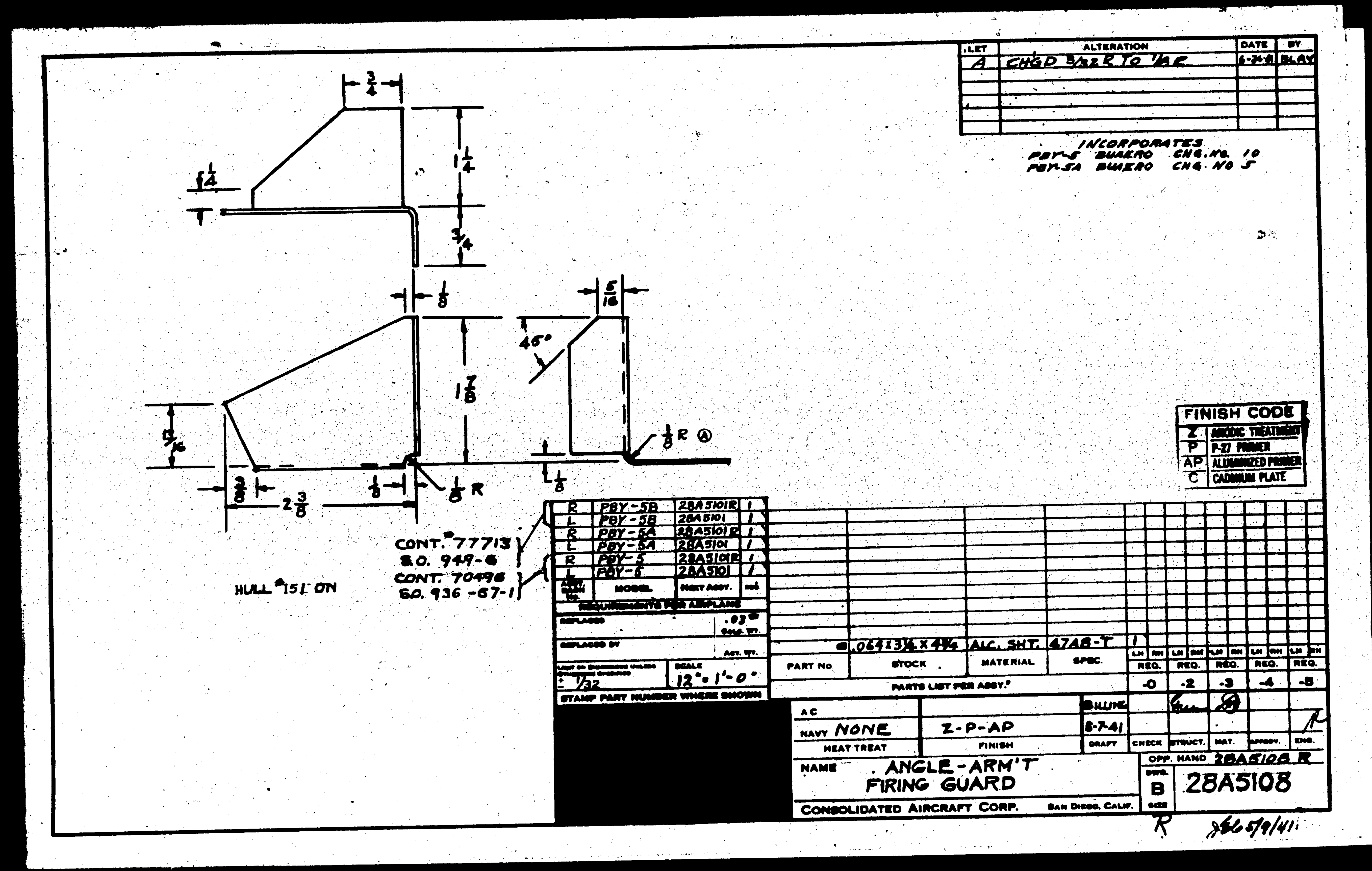
AC		DRAFT	CHECK	STRUCT.	MAT	APPROV	ENG.
NAVY NONE	Z-P-[illegible]	BONEY 8-8-40			9/7/40		
HEAT TREAT	FINISH						

NAME BRACKET - ARMT. - MK. XIII TORPEDO SOLENOID REL. PULLEY
OPP. HAND
DWG. SIZE B — 28A5097
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

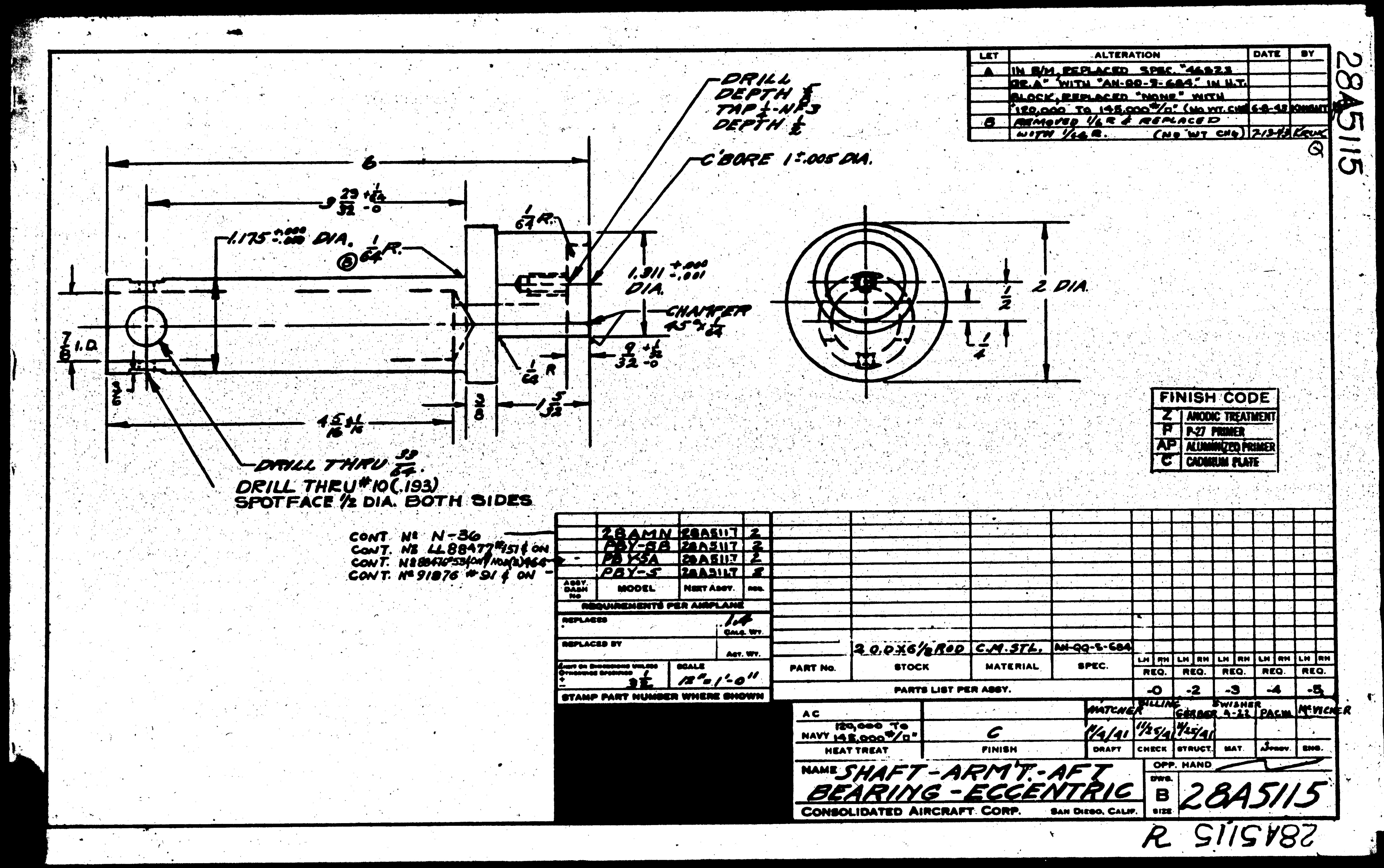


LET
ALTERATION
DATE
BY
A 21/64 WAS 11/32, 5/32 WAS 9/64
B IN B/M REPLACED SPEC. 46B23 WITH "AN-QQ-S-684". REPLACED HEAT TREAT "125,000 AS REC'D." WITH "120,000 TO 145,000"
(NO WT. CHG.)
℄ SYM.
1 1/8
21/64
1/8
5/32
1/2
2
DRILL THRU "V" (.377)
9/16 R
1
1/2
1
15/16
1/16 R
11/32
NOTE:
THIS DRWG. IS INTERCHANGEABLE WITH DRWG. #1-1744 OF U.S. NAVAL AIR STATION (SAN DIEGO, CALIF.) WITH EXCEPTION OF TAPPED HOLE.
PBY-5A 28A3006
PBY-5 28A3006
ASSY. DASH NO.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
SCALE 12"=1'-0"
STAMP PART NUMBER WHERE SHOWN
1 1/16 x 2 5/8
C.R. STL.
AN-QQ-S-684
PART NO.
STOCK
MATERIAL
SPEC.
LH RH
REQ.
-0
-2
-3
-4
-5
PARTS LIST PER ASSY.
AC
NAVY 120,000 TO 145,000#/□"
HEAT TREAT
C.
FINISH
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME LINK-TORPEDO HOISTING BAND-PORTABLE BOMB HOIST-MK
DWG. SIZE B
28A5105
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

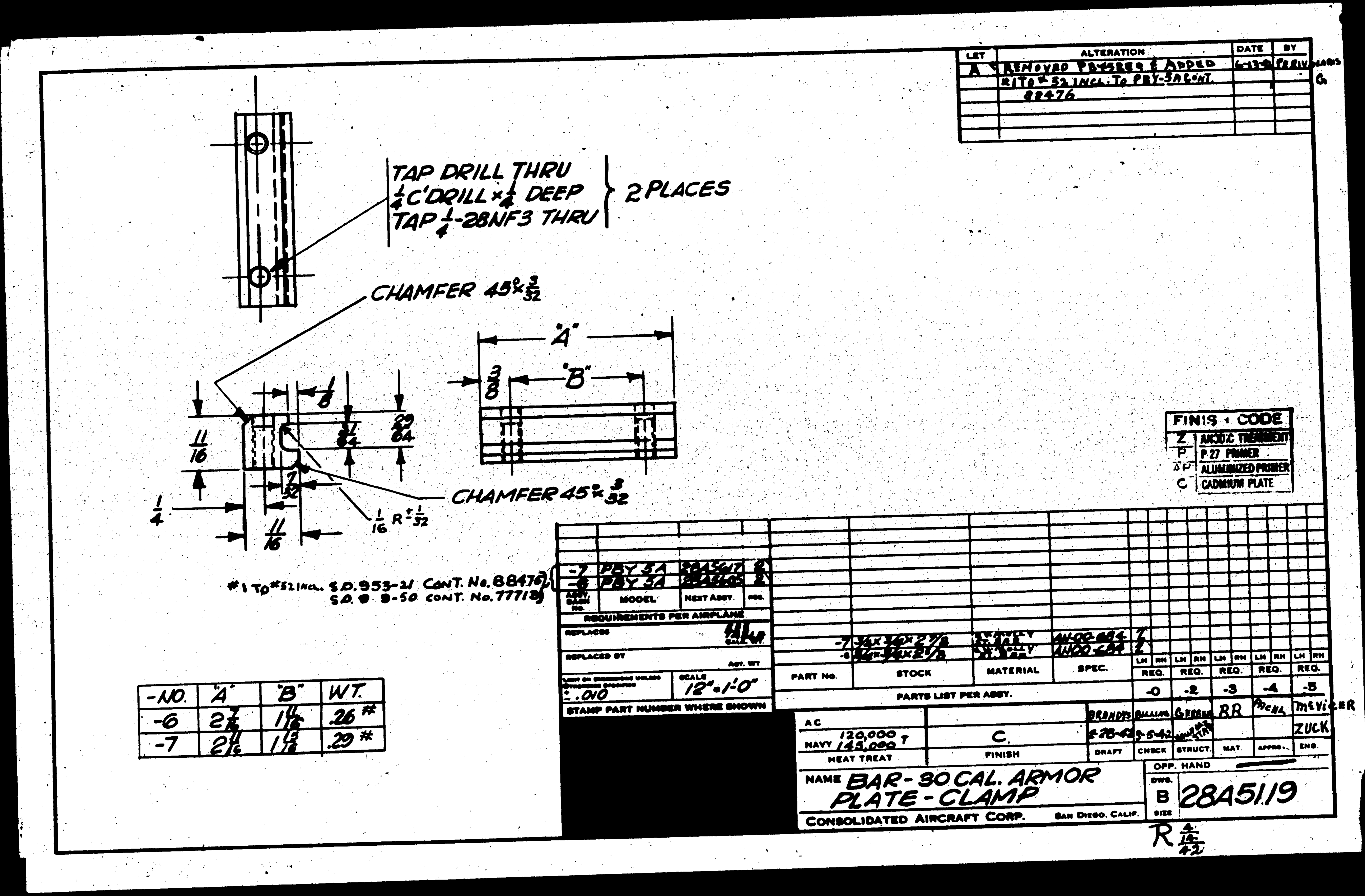

LET | ALTERATION | DATE | BY
A | CHG'D MAT. FROM ST. TO 50. NEG. WT. CHG. | 4-21-42 | MILLIGAN
INCORPORATES
PBY-5 BUAERO CHG. NO. 10
PBY-5A BUAERO CHG. NO. 5
3/4
11/16
1/8
1/4
5/32 R
45°
5/32 R
1 15/16
2 1/2
1 3/8
3/16
1/8 R
26°
1/8 R
1/8
2 1/16
13/16
3/4
FINISH CODE
Z ANODIC TREATMENT
P P 27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
FOR HULL #151 & ON
R PBY-5B 28A5101 R 1
L PBY-5B 28A5101 1
R PBY-5A 28A5101R 1
L PBY-5A 28A5101 1
R PBY-5 28A5101R 1
L PBY-5 28A5101 1
MODEL
.036
.064 × 3 × 4 1/4
ALC. SHT. SO
47A8-A
PART NO.
STOCK
MATERIAL
SPEC.
LH RH
REQ.
-0 -2 -3 -4 -5
PARTS LIST PER ASSY.
AC
NAVY NONE
Z-P-AP
HEAT TREAT
FINISH
DRAFT
CHECK
STRUCT.
MAT.
ENG.
OPP. HAND 28A5107-R
NAME BRACKET - ARM'T - FIRING GUARD - UPPER
B
28A5107
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.



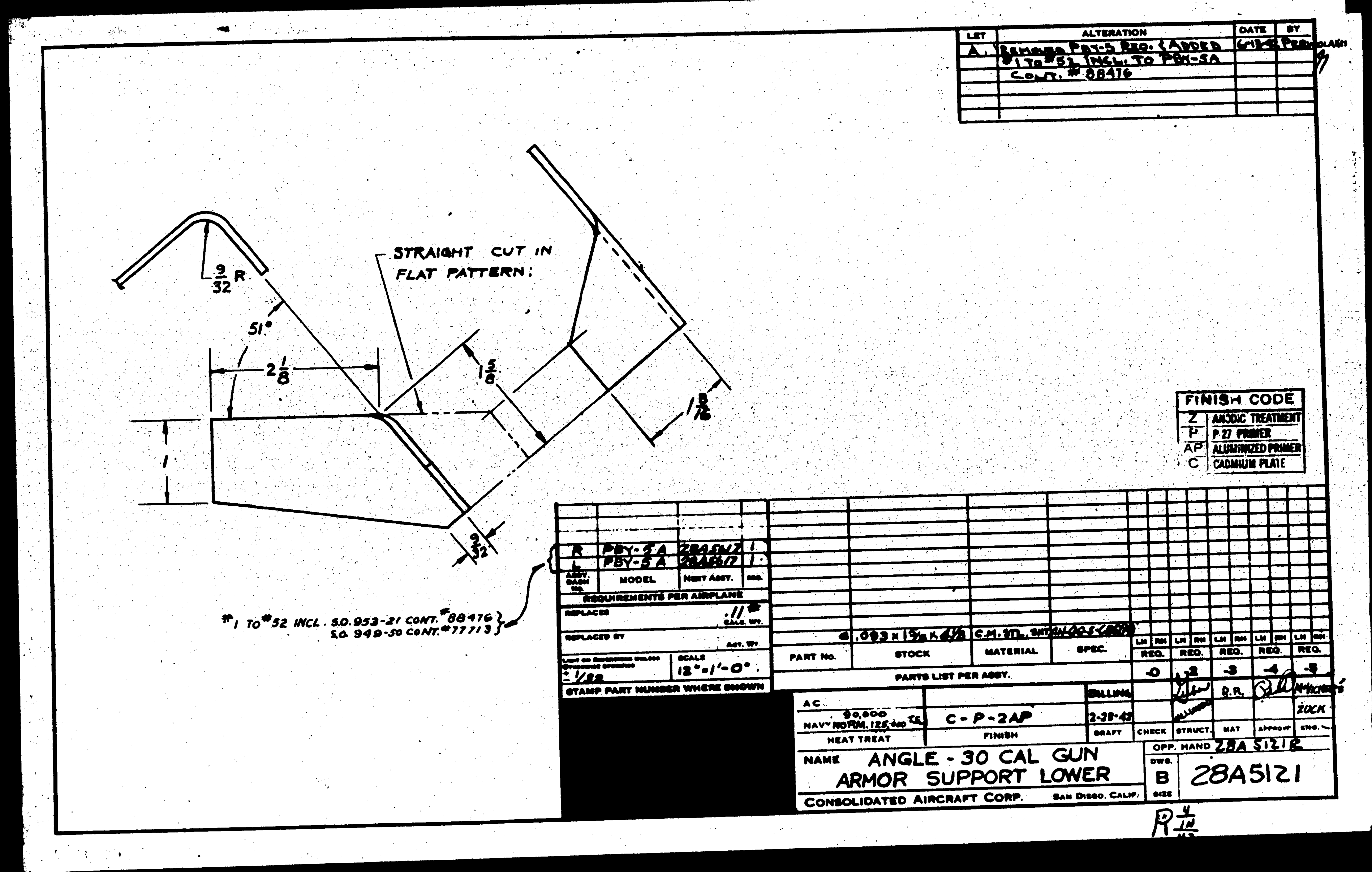
LET
ALTERATION
DATE
BY
A CHGD 3/32 R TO 1/8 R
INCORPORATES
PBY-5 BUAERO CHG. No. 10
PBY-5A BUAERO CHG. No 5
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
45°
1/8 R Ⓐ
1/8 R
CONT. #77713
S.O. 949-6
CONT. 70496
S.O. 936-67-1
HULL #151 ON
R PBY-5B 28A5101R 1
L PBY-5B 28A5101 1
R PBY-5A 28A5101R 1
L PBY-5A 28A5101 1
R PBY-5 28A5101R 1
L PBY-5 28A5101 1
MODEL
NEXT ASSY.
REQUIREMENTS FOR AIRPLANE
REPLACES
.03#
CALC. WT.
REPLACED BY
ACT. WT.
SCALE
12" = 1'-0"
± 1/32
STAMP PART NUMBER WHERE SHOWN
.064 x 3 3/4 x 4 3/4 ALC. SHT. 24ST 4748-T 1
PART No.
STOCK
MATERIAL
SPEC.
LH RH
REQ.
-0 -2 -3 -4 -5
PARTS LIST FOR ASSY.
AC
NAVY NONE
HEAT TREAT
Z-P-AP
FINISH
5-7-41
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND 28A5108 R
NAME ANGLE-ARM'T FIRING GUARD
DWG. B SIZE
28A5108
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.



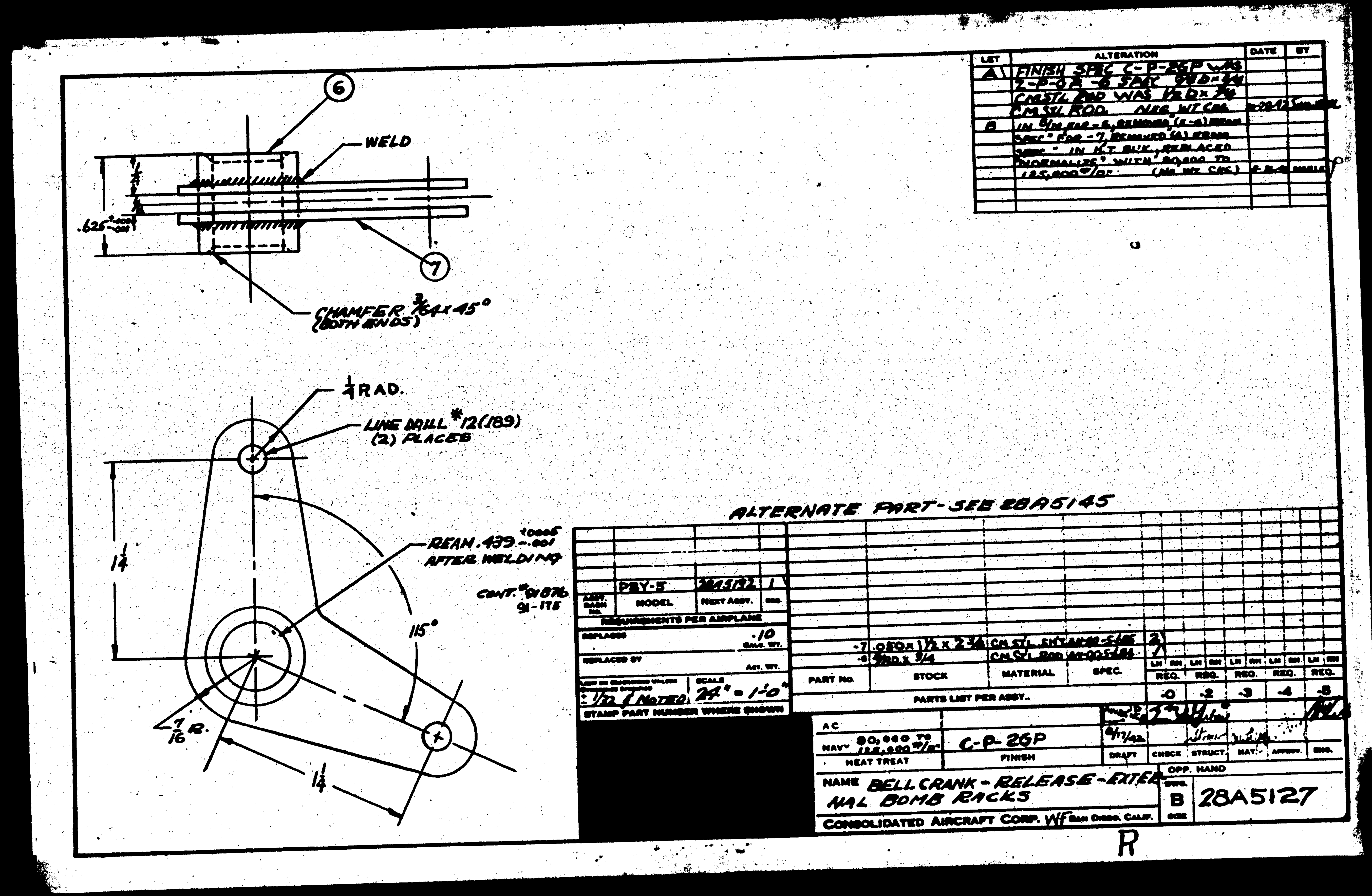
28A5115
LET | ALTERATION | DATE | BY
A IN B/M, REPLACED SPEC. "46523 GR.A" WITH "AN-QQ-S-684" IN H.T. BLOCK, REPLACED "NONE" WITH "120,000 TO 145,000#/□" (NO WT. CHG) 6-8-43
B REMOVED 1/64R & REPLACED WITH 1/64R. (NO WT CHG) 7-13-43
DRILL DEPTH 5/8 TAP 1/4-NF3 DEPTH 1/2
C'BORE 1±.005 DIA.
6
3 29/32 +1/64 -0
1.175 +.000 -.001 DIA.
1/64 R.
1.311 +.000 -.001 DIA.
CHAMFER 45°x1/64
9/32 +1/32 -0
1/64 R
7/8 I.D.
3/8
1 5/32
4 5/16 ±1/16
DRILL THRU 33/64.
DRILL THRU #10(.193) SPOTFACE 1/2 DIA. BOTH SIDES
2 DIA.
1/2
1/4
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
CONT. NO. N-36
CONT. NO. LL88477 #151 & ON
CONT. NO. 88470 #53 (ON) / 1002(3) 464
CONT. NO. 91876 #91 & ON
28AMN 28A5117 2
PBY-6B 28A5117 2
PBY-5A 28A5117 2
PBY-5 28A5117 2
ASSY. DASH NO. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
1.4 CALC. WT.
REPLACED BY
ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
SCALE 12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN
2 O.D. X 6 1/8 ROD | C.M. STL. | AN-QQ-S-684
PART No. | STOCK | MATERIAL | SPEC.
LH RH REQ. -0 -2 -3 -4 -5
PARTS LIST PER ASSY.
AC
NAVY 120,000 TO 145,000 #/□
HEAT TREAT
C
FINISH
MATCHER 11/4/41 DRAFT
WILLING 11/25/41 CHECK
SWISHER GERBER 11/25/41 STRUCT.
4-22 MAT.
PACM APPROV.
McVICKER ENG.
OPP. HAND
NAME SHAFT-ARM'T.-AFT BEARING-ECCENTRIC
DWG. SIZE B 28A5115
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
R 28A5115



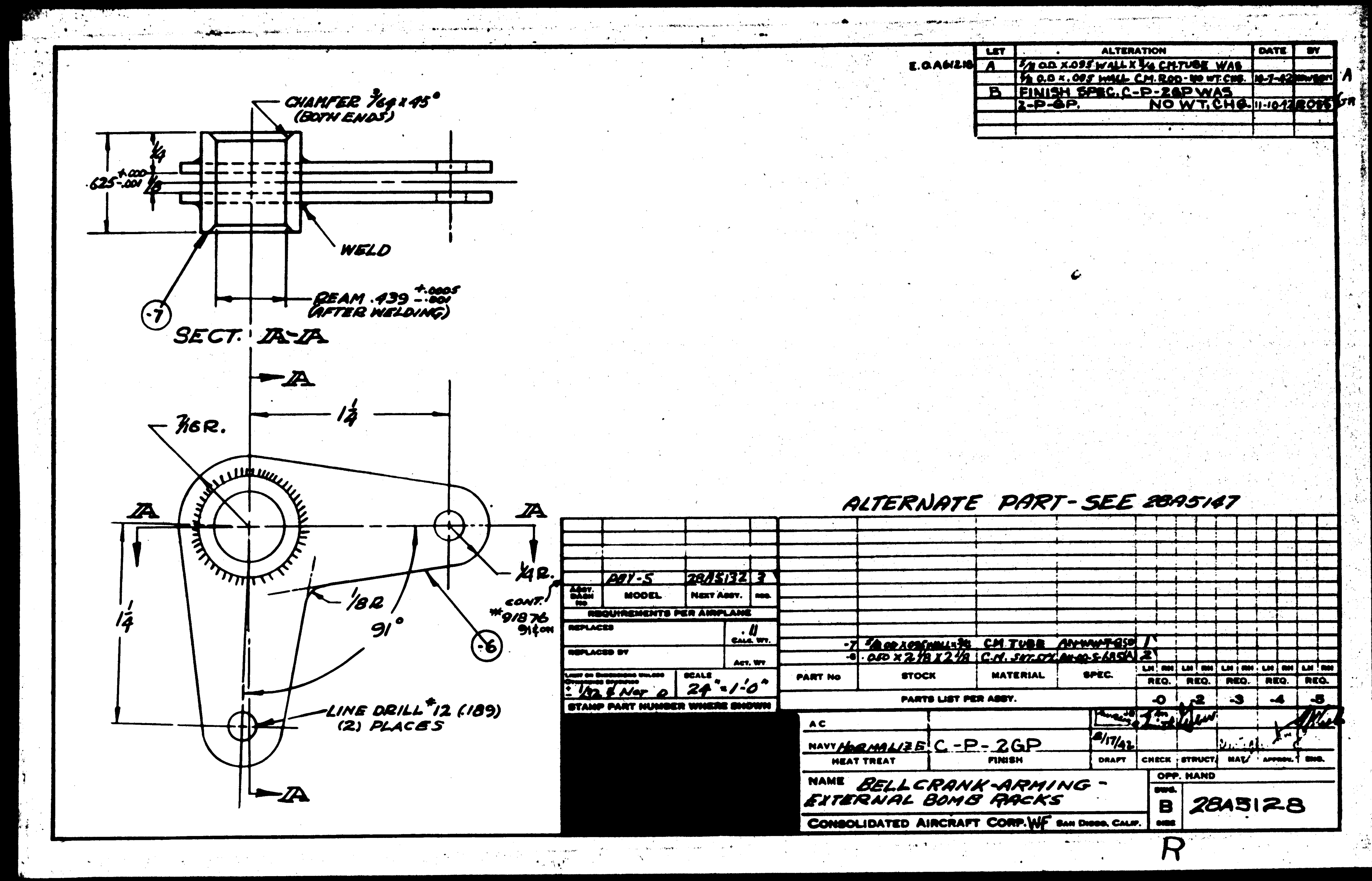
LET
ALTERATION
DATE
BY
A
REMOVED PBY5REQ & ADDED
#1 TO #52 INCL. TO PBY-5A CONT.
88476
TAP DRILL THRU
1/4 C'DRILL × 1/4 DEEP
TAP 1/4-28NF3 THRU
2 PLACES
CHAMFER 45° × 3/32
"A"
"B"
3/8
1/8
11/16
21/64
29/64
7/32
1/4
11/16
1/16 R ± 1/32
CHAMFER 45° × 3/32
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
#1 TO #52 INCL. S.D. 953-21 CONT. No. 88476
S.D. 9-50 CONT. No. 77712
-7 PBY 5A
-6 PBY 5A
ASSY. DASH No.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
SCALE
12" = 1'-0"
± .010
STAMP PART NUMBER WHERE SHOWN
PART No.
STOCK
MATERIAL
SPEC.
LH
RH
REQ.
-0
-2
-3
-4
-5
PARTS LIST PER ASSY.
AC
NAVY 120,000 145,000 T
HEAT TREAT
C.
FINISH
BRANDYS
BILLING
GEBBER
RR
McVICKER
ZUCK
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME BAR - 30 CAL. ARMOR PLATE - CLAMP
DWG.
B
SIZE
28A5119
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
-NO.
"A"
"B"
WT.
-6
2 7/16
1 11/16
.26 #
-7
2 11/16
1 15/16
.29 #



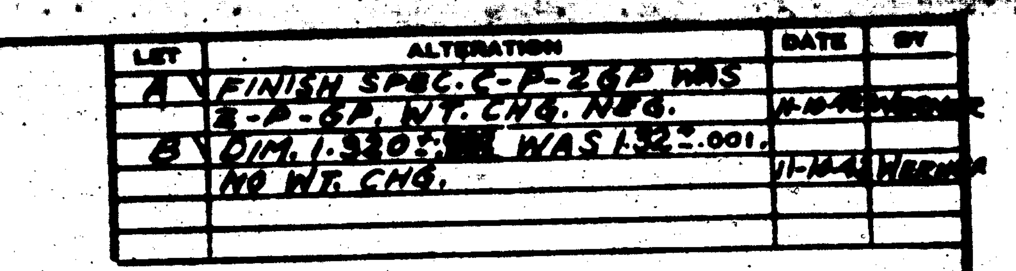
LET
ALTERATION
DATE
BY
A
REMOVED PBY-5 REQ. & ADDED #1 TO #52 INCL. TO PBY-5A CONT. #88476
STRAIGHT CUT IN FLAT PATTERN:
9/32 R
51°
2 1/8
1 5/8
1 5/16
9/32
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
#1 TO #52 INCL. S.O. 953-21 CONT. #88476
S.O. 949-50 CONT. #77713
R PBY-5A 28A5117 1
L PBY-5A 28A5117 1
ASSY. DASH NO.
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES
.11 # CALC. WT.
REPLACED BY
ACT. WT.
SCALE
12"=1'-0"
± 1/32
STAMP PART NUMBER WHERE SHOWN
.093 x 1 5/8 x 4 1/2 C.M. STL.
PART No.
STOCK
MATERIAL
SPEC.
REQ.
-0
-2
-3
-4
-5
PARTS LIST PER ASSY.
A.C.
NAVY NORM. 125,000
HEAT TREAT
C-P-2AP
FINISH
BILLING
2-28-42
DRAFT
CHECK
STRUCT.
MAT
APPROV
ENG.
ZOCK
OPP. HAND 28A5121R
NAME ANGLE - 30 CAL GUN ARMOR SUPPORT LOWER
DWG. B SIZE
28A5121
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.



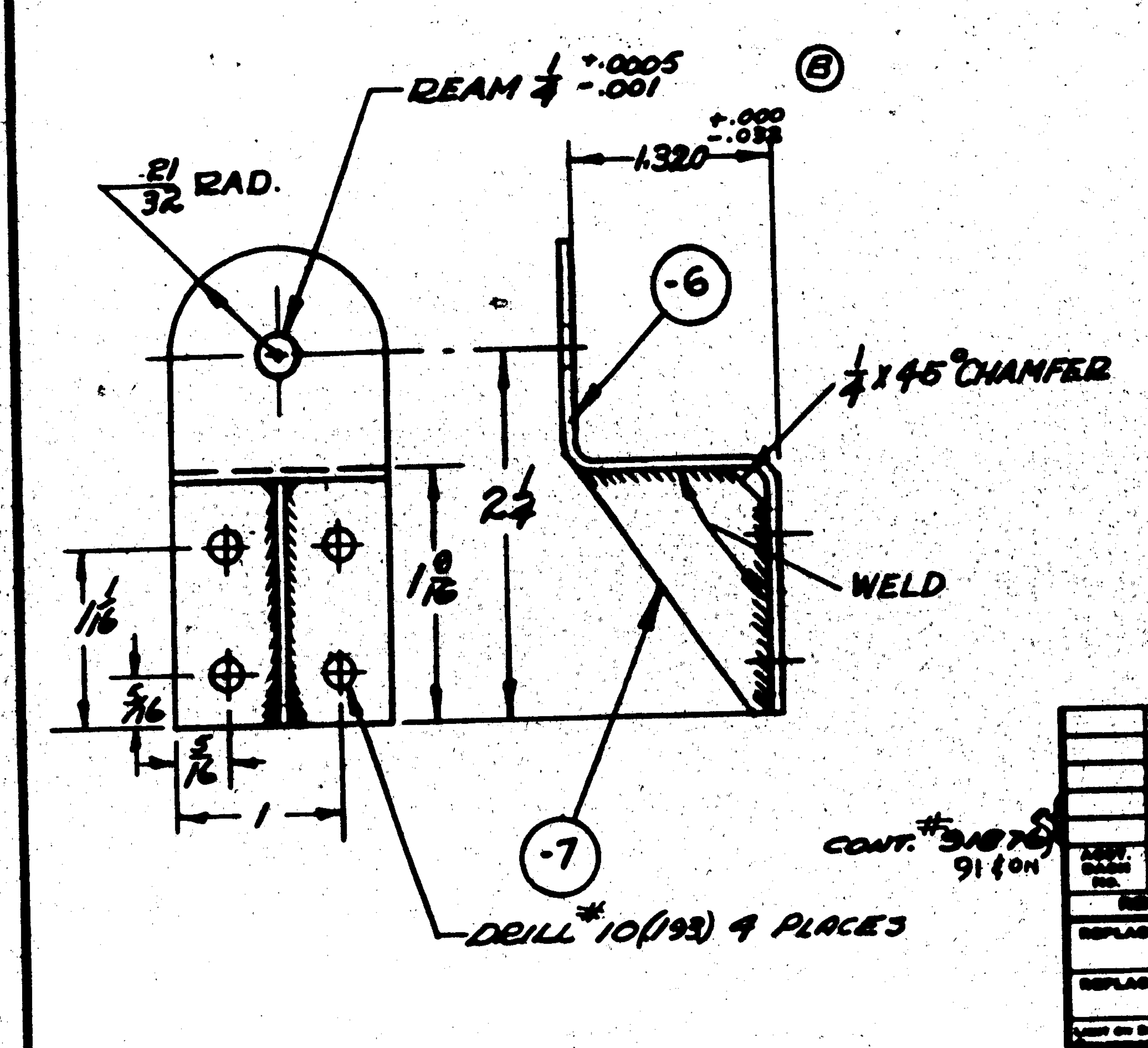
6
WELD
7
.625 +.000 −.001
CHAMFER 3/64 X 45°
(BOTH ENDS)
1/4 RAD.
LINE DRILL #12 (.189)
(2) PLACES
REAM .439 +.0005 −.001
AFTER WELDING
CONT. #91876
91-175
115°
7/16 R.
ALTERNATE PART - SEE 28A5145
LET
ALTERATION
DATE
BY
A FINISH SPEC C-P-26P WAS
7-P-07 -6 STOCK 7/16 D x 3/4
CM STL ROD WAS 1/2 D x 3/4
CM STL ROD. NEG WT CHG
B IN 6/16 FOR -6, REMOVED (C-4) FROM
SPEC FOR -7, REMOVED (A) FROM
SPEC IN H.T BLK, REPLACED
NORMALIZE WITH 80,000 TO
125,000#/□" (NO WT CHG)
PBY-5
28A5192
1
ASSY. DASH No.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
.10
CALC. WT.
REPLACED BY
ACT. WT.
SCALE
± 1/32 & NOTED
24" = 1'-0"
STAMP PART NUMBER WHERE SHOWN
-7
.050 x 1 1/2 x 2 3/4
CM STL SHT
2
-6
7/16 D x 3/4
CM STL ROD
1
PART No.
STOCK
MATERIAL
SPEC.
LH
RH
REQ.
-0
-2
-3
-4
-5
PARTS LIST PER ASSY.
AC
NAVY 80,000 TO 125,000 #/□"
HEAT TREAT
C-P-26P
FINISH
6/17/42
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME BELLCRANK - RELEASE - EXTERNAL BOMB RACKS
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.
B
DWG. SIZE
28A5127
R



LET
ALTERATION
DATE
BY
E.O.A61216
A
5/8 O.D. X .095 WALL X 3/4 C.M. TUBE WAS
5/8 O.D. X .095 WALL C.M. ROD - NO WT. CHG.
B
FINISH SPEC. C-P-2GP WAS
2-P-6P.
NO WT. CHG.
11-10-42
CHAMFER 3/64 x 45° (BOTH ENDS)
.625 +.000 -.001
1/4
1/8
WELD
REAM .439 +.0005 -.001 (AFTER WELDING)
-7
SECT. A-A
A
1 1/4
7/16 R.
1/4 R.
1/8 R
91°
-6
CONT. #91876
LINE DRILL #12 (.189) (2) PLACES
ALTERNATE PART - SEE 28A5147
BOY-5
28A5132
ASSY. DASH No
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
SCALE
24" = 1'-0"
STAMP PART NUMBER WHERE SHOWN
-7
C.M. TUBE
-6
PART No
STOCK
MATERIAL
SPEC.
LH
RH
REQ.
PARTS LIST PER ASSY.
-0
-2
-3
-4
-5
AC
NAVY
NORMALIZE
C-P-2GP
HEAT TREAT
FINISH
DRAFT
CHECK
STRUCT.
APPROV.
ENG.
OPP. HAND
NAME
BELLCRANK-ARMING-EXTERNAL BOMB RACKS
B
28A5128
SIZE
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
R



LET	ALTERATION	DATE	BY
A	FINISH SPEC. C-P-26P WAS Z-P-6P, WT. CHG. NEG.	[illegible]	[illegible]
B	DIM. 1.320 [illegible] WAS 1.32±.001, NO WT. CHG.	11-[illegible]	[illegible]



ALTERNATE PART - SEE 28A5148

CONT. #31876 § 91 (ON

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28A0352-1	1
	PBY-5	28A5132-1	1

REQUIREMENTS PER AIRPLANE

REPLACES — .07 CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED: ± 1/32 & [illegible]

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	REQ. -0 LH	REQ. -0 RH	REQ. -2 LH	REQ. -2 RH	REQ. -3 LH	REQ. -3 RH	REQ. -4 LH	REQ. -4 RH	REQ. -5 LH	REQ. -5 RH
-7	.062 x 1 1/4 x 1 3/4	C.M. ST'L.	AN-QQ-S-685(a)	1									
-6	.062 x 1 1/2 x 4 1/2	C.M. ST'L.	AN-QQ-S-685(a)	1									

PARTS LIST PER ASSY.

AC							
NAVY [illegible]	C-P-26P	9/17/42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

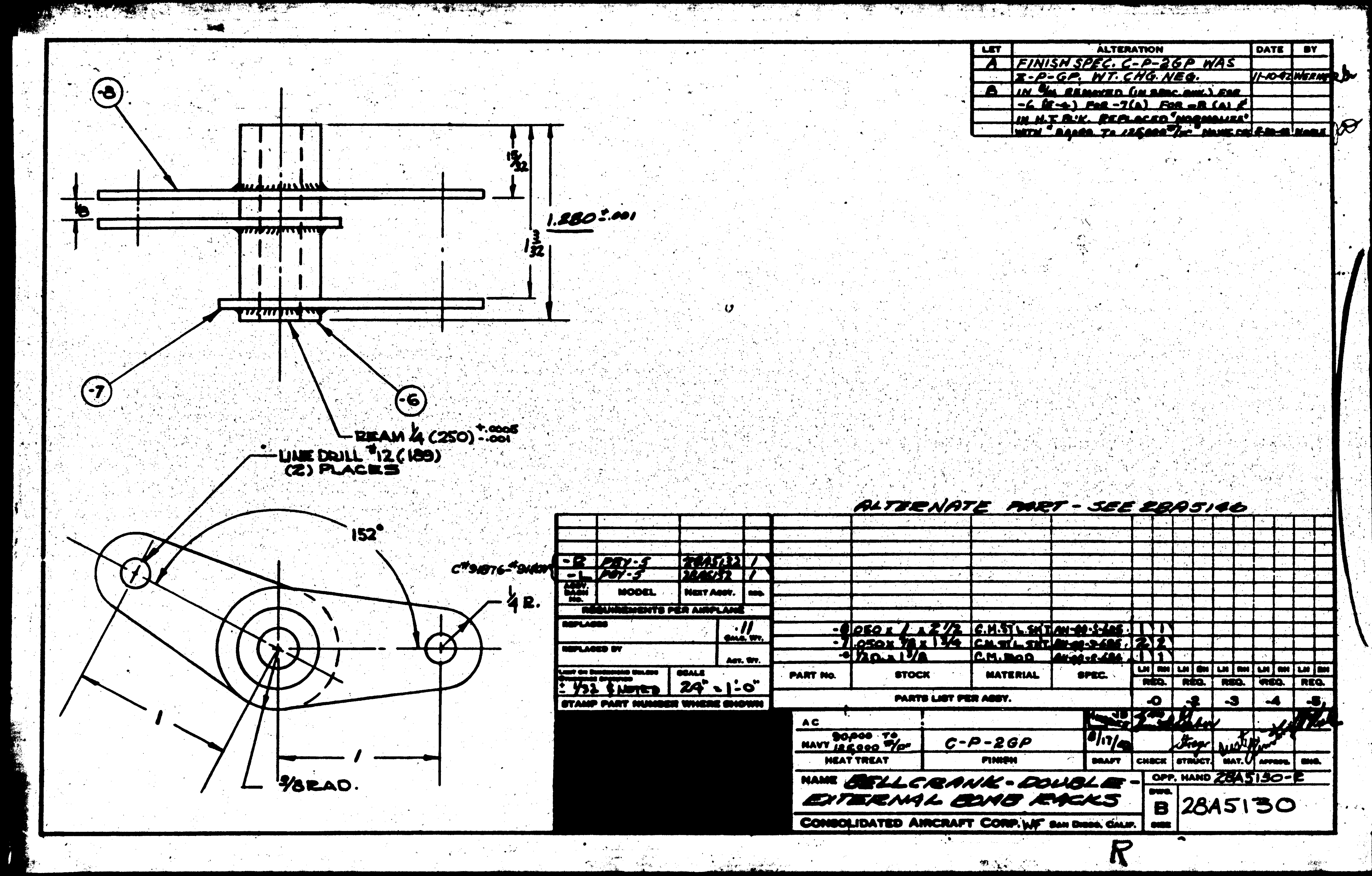
NAME BRACKET - BELLCRANK SUPPT. - EXTERNAL BOMB RACKS

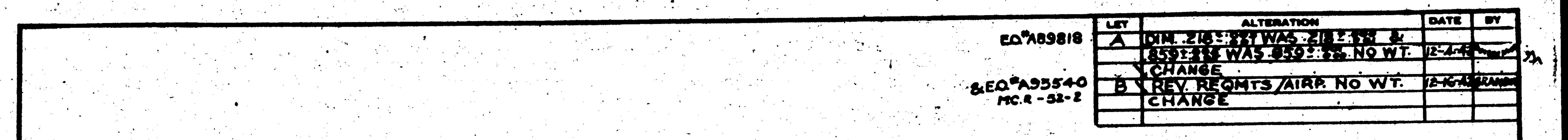
OPP. HAND

DWG. SIZE B — 28A5129

CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

R


LET
ALTERATION
DATE
BY
A
FINISH SPEC. C-P-2GP WAS
Z-P-GP. WT. CHG. NEG.
B
-8
15/32
1/8
1.280 ±.001
1 3/32
-7
-6
REAM 1/4 (250) +.0005 -.001
LINE DRILL #12 (189)
(2) PLACES
152°
1/4 R.
1
1
3/8 RAD.
ALTERNATE PART - SEE 28A5146
-2
-1
ASSY. DASH No.
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES
.11
CALC. WT.
REPLACED BY
ACT. WT.
SCALE
24" = 1'-0"
STAMP PART NUMBER WHERE SHOWN
PART No.
STOCK
MATERIAL
SPEC.
LH
RH
REQ.
PARTS LIST PER ASSY.
-0
-2
-3
-4
-5
AC
NAVY
HEAT TREAT
C-P-2GP
FINISH
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
NAME BELLCRANK - DOUBLE - EXTERNAL BOMB RACKS
OPP. HAND 28A5130-E
B
28A5130
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
R



LET	ALTERATION	DATE	BY
A	DIM. .218 +.008 -.001 WAS .218 [illegible] &		
	.859 +.005 -.005 WAS .859 [illegible] NO WT.	12-4-42	[illegible]
	CHANGE		
B	REV. REQMTS/AIRP. NO WT.	12-16-42	[illegible]
	CHANGE		

ASSY DASH No	MODEL	NEXT ASSY.	REQ.
-0	PBY-5	28A5132	4

REQUIREMENTS PER AIRPLANE

REPLACES	.05 CALC. WT.
REPLACED BY	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 & NOTED	SCALE 24" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

[redacted]

PART No.	STOCK	MATERIAL	SPEC.
	1 DIA. X 1	24ST-AL BAR	QQ-A-354-T

PARTS LIST PER ASSY.

LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
REQ.		REQ.		REQ.		REQ.		REQ.	
-0		-2		-3		-4		-5	

AC			
NAVY	Z-P-GP	8/17/42	
HEAT TREAT	FINISH	DRAFT	CHECK / STRUCT. / MAT. / APPROV. / ENG.

NAME HUB-BELLCRANK-SUPP'T. EXTERNAL BOMB RACK.

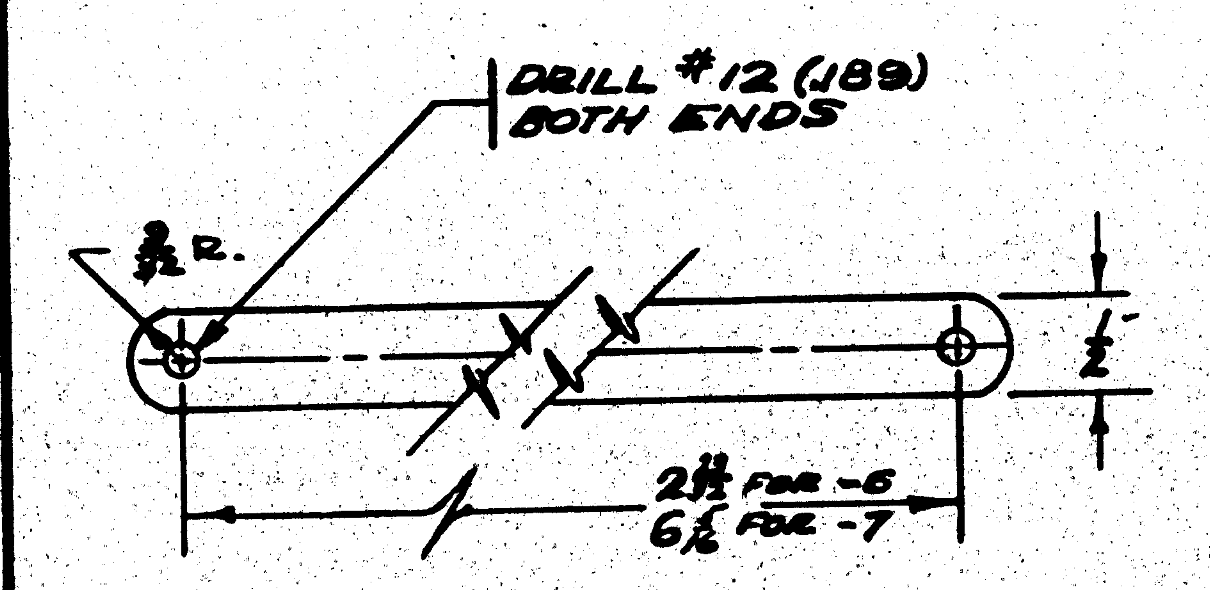
OPP. HAND

DWG. SIZE B — 28A5131

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

R

LET	ALTERATION	DATE	BY
A	[illegible] REQ/AIRPLANE BLOCK UP TO DATE. NO WT. CHG.	[illegible]	[illegible]



C# 91876
91 & ON
32-2

-6	PBY-5	28A5132	2
ASSY. DASH No.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES	CALC. WT.
REPLACED BY	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.
-7	.091 x 5/8 x 7	ALC. SHT.	47AB-T
-6	.091 x 5/8 x 3 3/16	ALC. SHT.	47AB-T

PARTS LIST PER ASSY.

LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
REQ.		REQ.		REQ.		REQ.		REQ.	
-0		-2		-3		-4		-5	

AC		
NAVY	E-P-GP	8/21/42
HEAT TREAT	FINISH	DRAFT

CHECK STRUCT. MAT. APPROV. ENG.

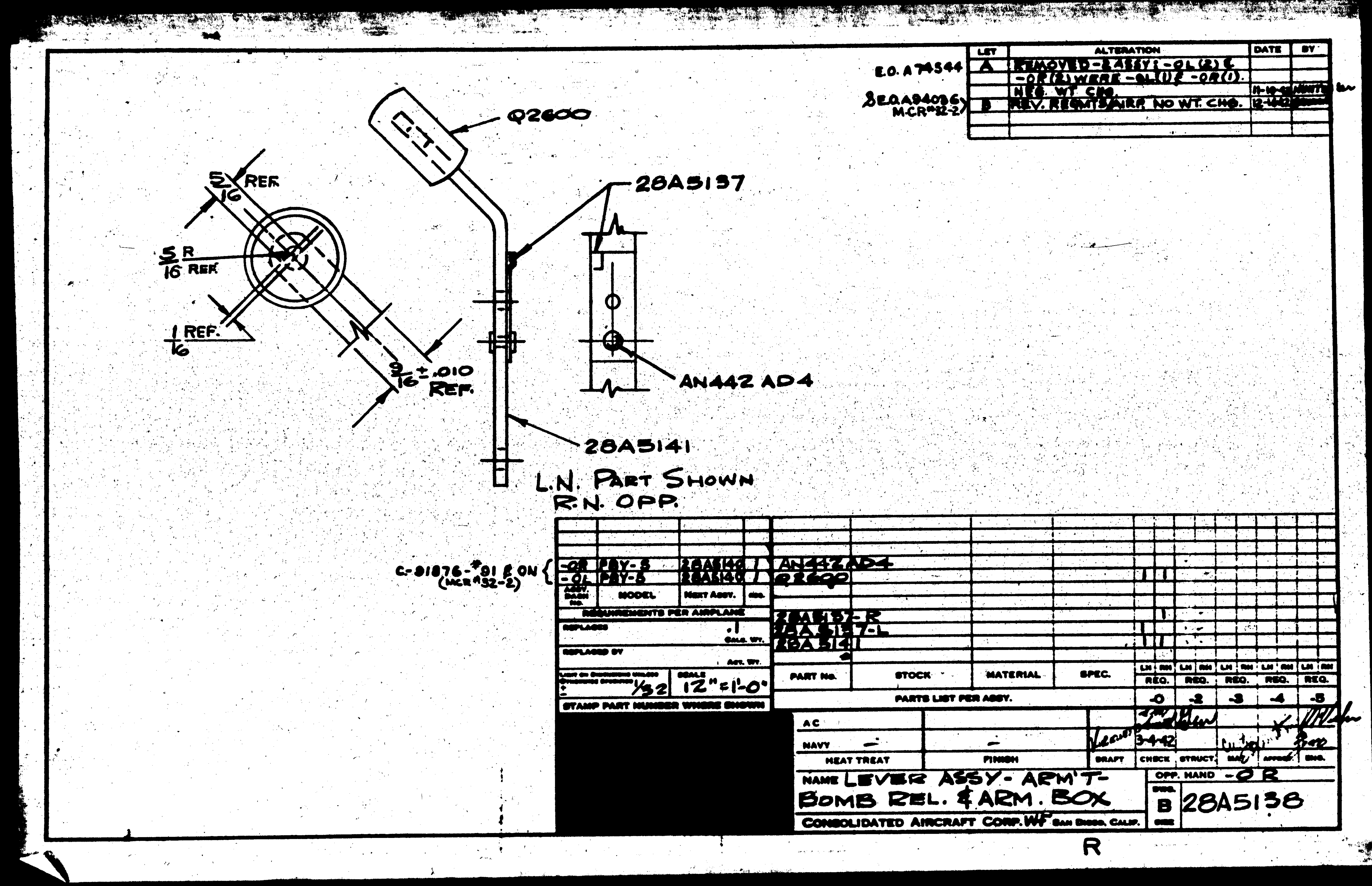
NAME CONNECTING LINK - EXTERNAL BOMB RACKS

OPP. HAND

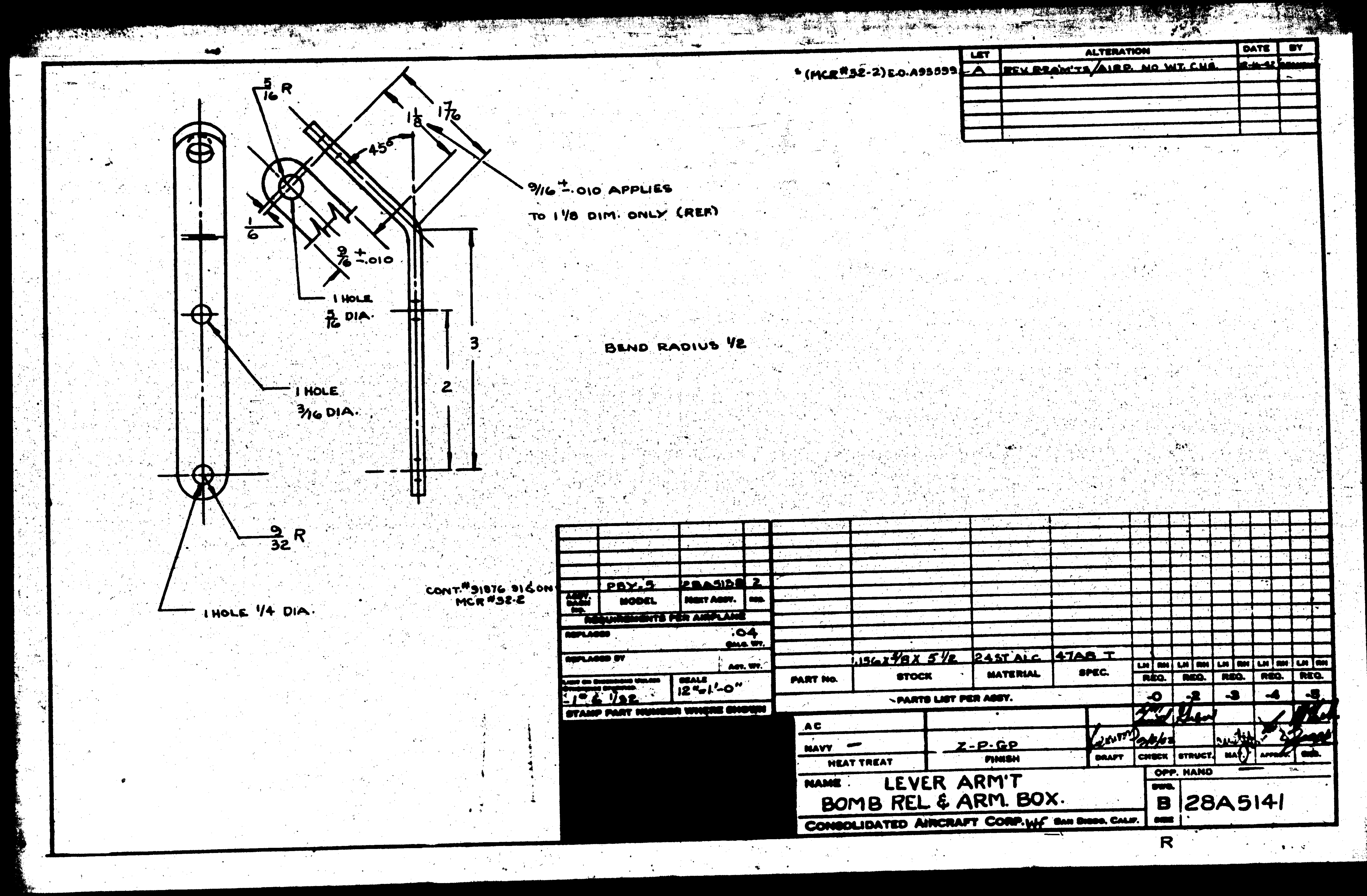
DWG. SIZE B 28A5133

CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

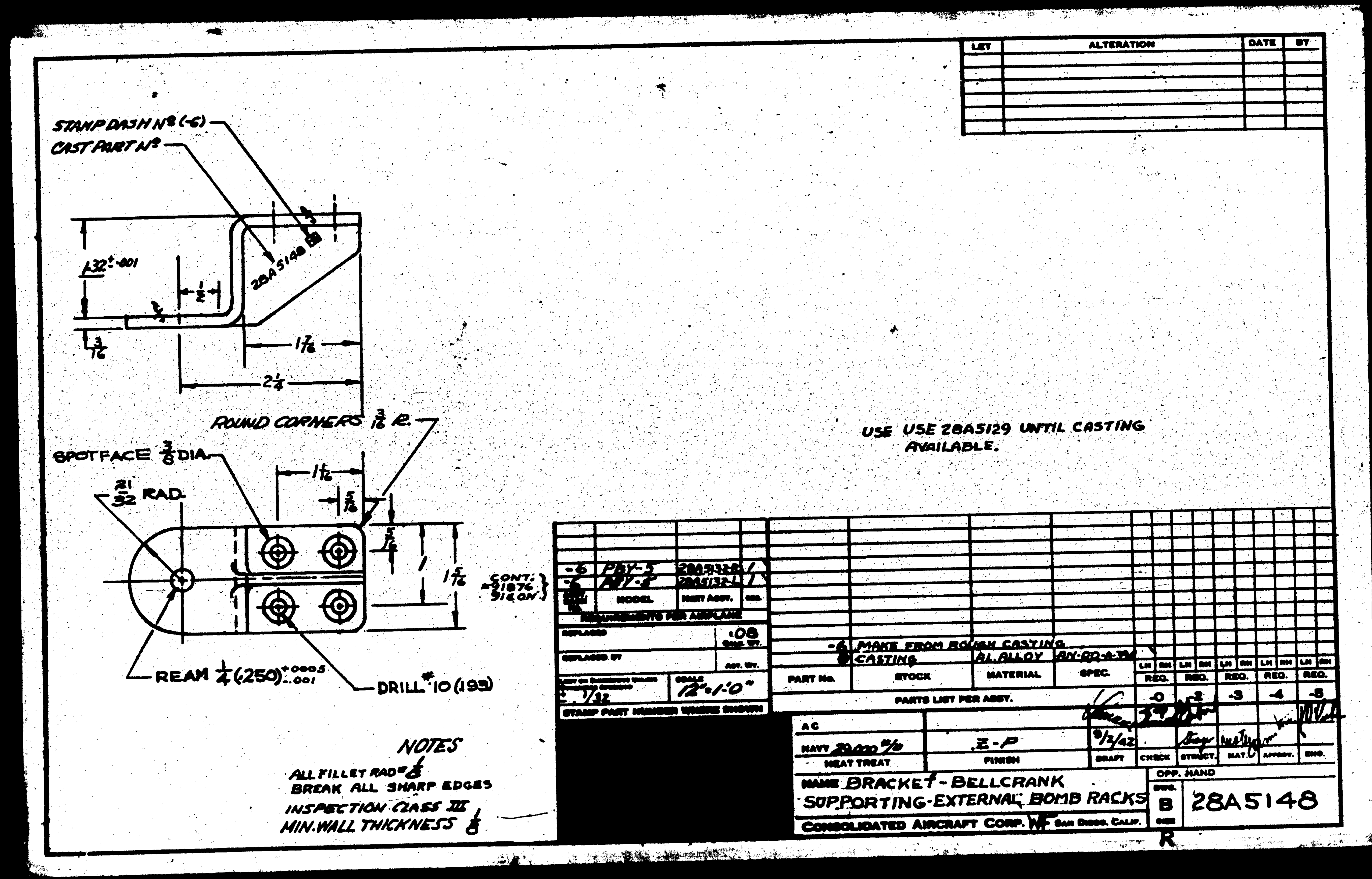
R



LET
ALTERATION
DATE
BY
E.O. A74544
A
-OR(2) WERE -OL(1) & -OR(1).
NEG. WT. CHG.
MCR#32-2
B
REV. REQMTS/AIRP. NO WT. CHG.
Q2600
28A5137
5/16 REF.
5/16 R REF.
1 REF.
1/16
9/16 ±.010 REF.
AN442 AD4
28A5141
L.N. PART SHOWN
R.N. OPP.
-OR PBY-5 28A5140 1
-OL PBY-5 28A5140 1
(MCR#32-2)
ASSY. DASH NO.
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
1/32
SCALE
12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN
AN442AD4
Q2600
28A5137-R
28A5137-L
28A5141
PART NO.
STOCK
MATERIAL
SPEC.
LH RH
REQ.
PARTS LIST PER ASSY.
-0
-2
-3
-4
-5
AC
NAVY
HEAT TREAT
FINISH
3-4-42
DRAFT
CHECK
STRUCT.
ENG.
OPP. HAND -OR
NAME LEVER ASSY.- ARM'T- BOMB REL. & ARM. BOX
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
B
28A5138
R

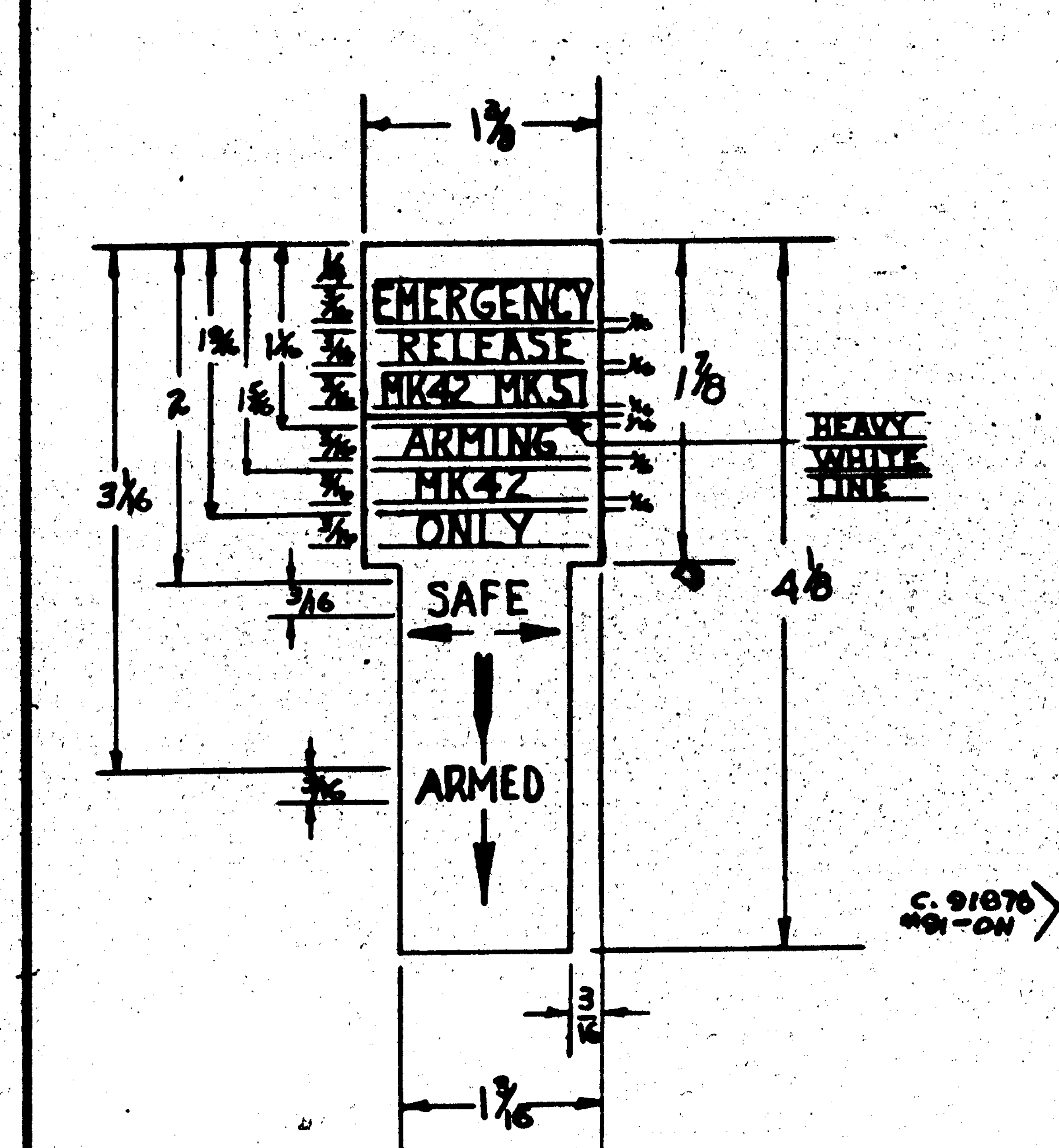


LET
ALTERATION
DATE
BY
(MCR #32-2) E.O.A93599
A
REV DRAW'G/AIRP. NO WT. CHG.
5/16 R
1 1/8
1 7/16
45°
9/16 ± .010 APPLIES
TO 1 1/8 DIM. ONLY (REF)
1/16
9/16 ± .010
1 HOLE
5/16 DIA.
3
2
BEND RADIUS 1/2
1 HOLE
3/16 DIA.
9/32 R
1 HOLE 1/4 DIA.
CONT. #91876 9160N
MCR #32-2
PBY-5
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES
.04
CALC. WT.
REPLACED BY
ACT. WT.
SCALE
12"=1'-0"
± 1/32
STAMP PART NUMBER WHERE SHOWN
.156 x 3/8 x 5 1/2
24ST ALC
47A8 T
PART No.
STOCK
MATERIAL
SPEC.
REQ.
-0
-2
-3
-4
-5
PARTS LIST PER ASSY.
AC
NAVY
HEAT TREAT
Z-P-GP
FINISH
DRAFT
CHECK
STRUCT.
APPROV.
OPP. HAND
NAME
LEVER ARM'T
BOMB REL & ARM. BOX.
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
B
28A5141
R


LET
ALTERATION
DATE
BY
STAMP DASH Nº (-6)
CAST PART Nº
28A5148
1.32±.001
1/2
3/16
1 7/16
2 1/4
ROUND CORNERS 3/16 R.
SPOTFACE 3/8 DIA.
21/32 RAD.
1 1/16
5/16
1 5/16
CONT: 31876 312 ON
REAM 1/4 (.250) +.0005 -.001
DRILL #10 (.193)
USE USE 28A5129 UNTIL CASTING AVAILABLE.
NOTES
ALL FILLET RAD = 1/8
BREAK ALL SHARP EDGES
INSPECTION CLASS III
MIN. WALL THICKNESS 1/8
-6 PBY-5 28A5132-R 1
-6 PBY-5 28A5132-L 1
MODEL
NEXT ASSY.
REQUIREMENTS FOR AIRPLANE
REPLACES
.08
REPLACED BY
ACT. WT.
SCALE
1/2"=1'-0"
1/32
STAMP PART NUMBER WHERE SHOWN
-6 MAKE FROM ROUGH CASTING
CASTING
AL. ALLOY
AN-QQ-A-394
PART No.
STOCK
MATERIAL
SPEC.
LH RH LH RH LH RH LH RH LH RH
REQ. REQ. REQ. REQ. REQ.
-0 -2 -3 -4 -5
PARTS LIST PER ASSY.
AC
NAVY 29,000 #/□
HEAT TREAT
Z-P
FINISH
9/3/42
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME BRACKET - BELLCRANK SUPPORTING-EXTERNAL BOMB RACKS
DWG. SIZE
B
28A5148
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.
R

8ED A93595
CHG 32(282)

LET	ALTERATION	DATE	BY
▲	REVISED LETTERING ON NAME PLATE		
	REM. NOTE "28A5153L --- REMOVED		
	28A5153 WAS 1/2 – REV.		
	REQTS. /AIRPLANE BLOCK		
	(NO WT. CHG)	12-1-42	



NOTE:- 1/32 COMMERCIAL GRADE RED FIBRE AT VENDORS DISCRETION. BOTH SIDES COATED AFTER SCREENING OR LITHOGRAPHING WITH ANDREW BROWN CO. #L-60 WATER-PROOF SEALER OR EQUIV.

LETTERS TO BE WHITE ON BLACK BACKGROUND.

C. 91876
#91-ON

PURCHASE TO DWG.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28A5140	2

REQUIREMENTS PER AIRPLANE

REPLACES	CALC. WT.
REPLACED BY	ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SHOWN	SCALE
± 1/32	12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
	NOTED	NOTED	NOTED										
				REQ.		REQ.		REQ.		REQ.		REQ.	
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

AC		DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.
NAVY NONE	NOTED	9/5/42					
HEAT TREAT	FINISH						

NAME: NAME PLATE - ARMING & RELEASE BOX.

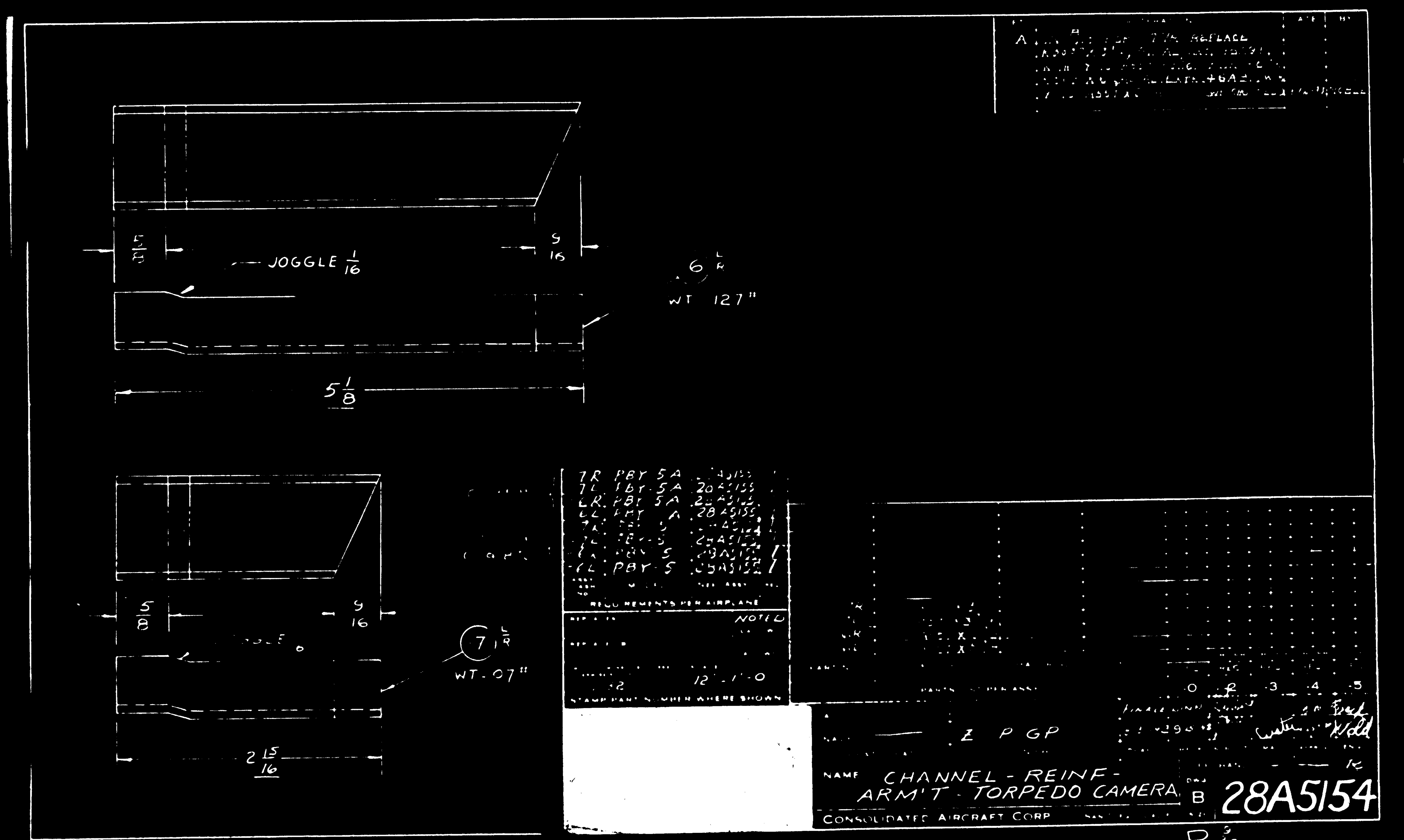
OPP. HAND

DWG. SIZE: B

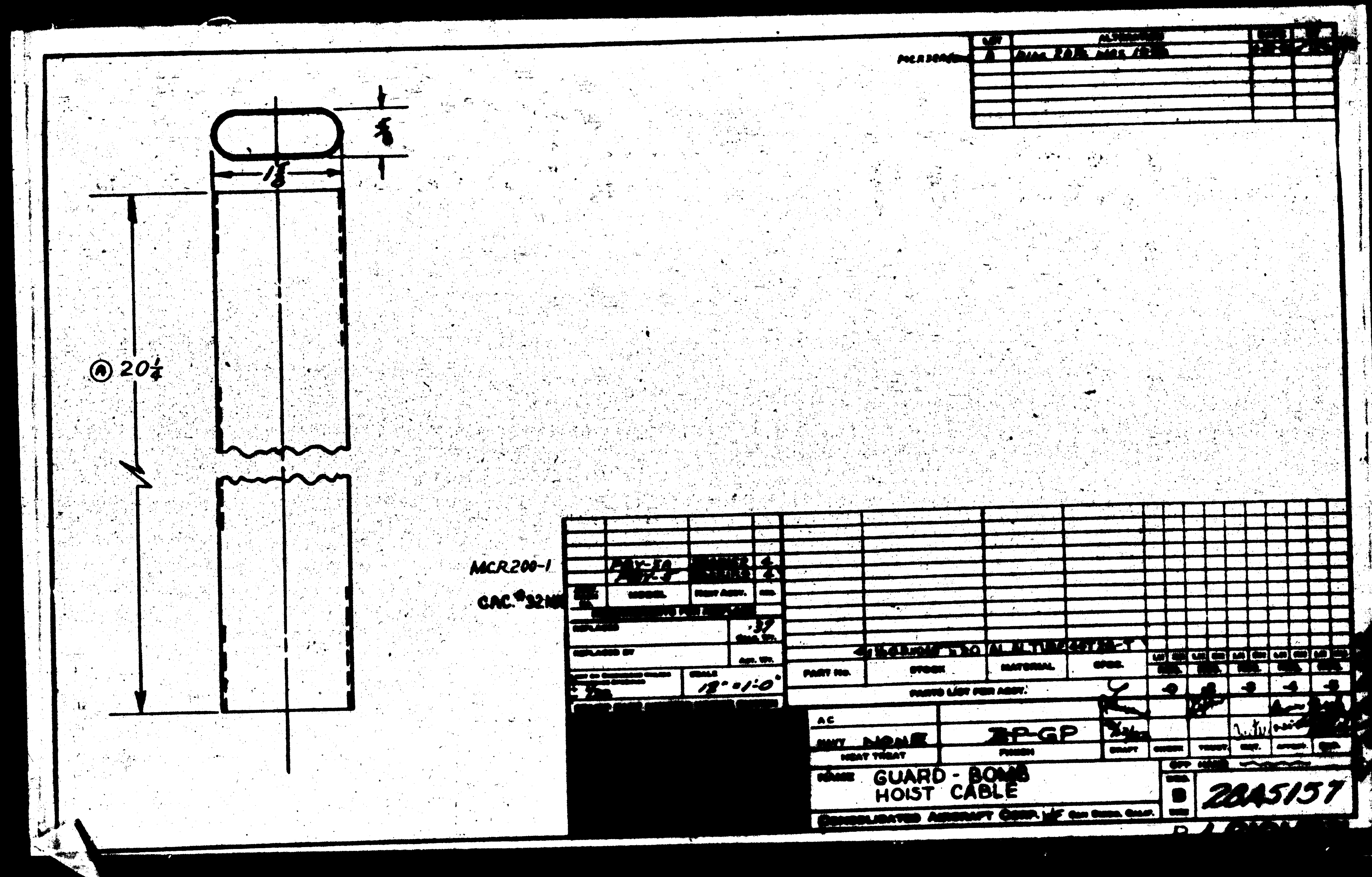
28A5155

CONSOLIDATED AIRCRAFT CORP. WF SAN DIEGO, CALIF.

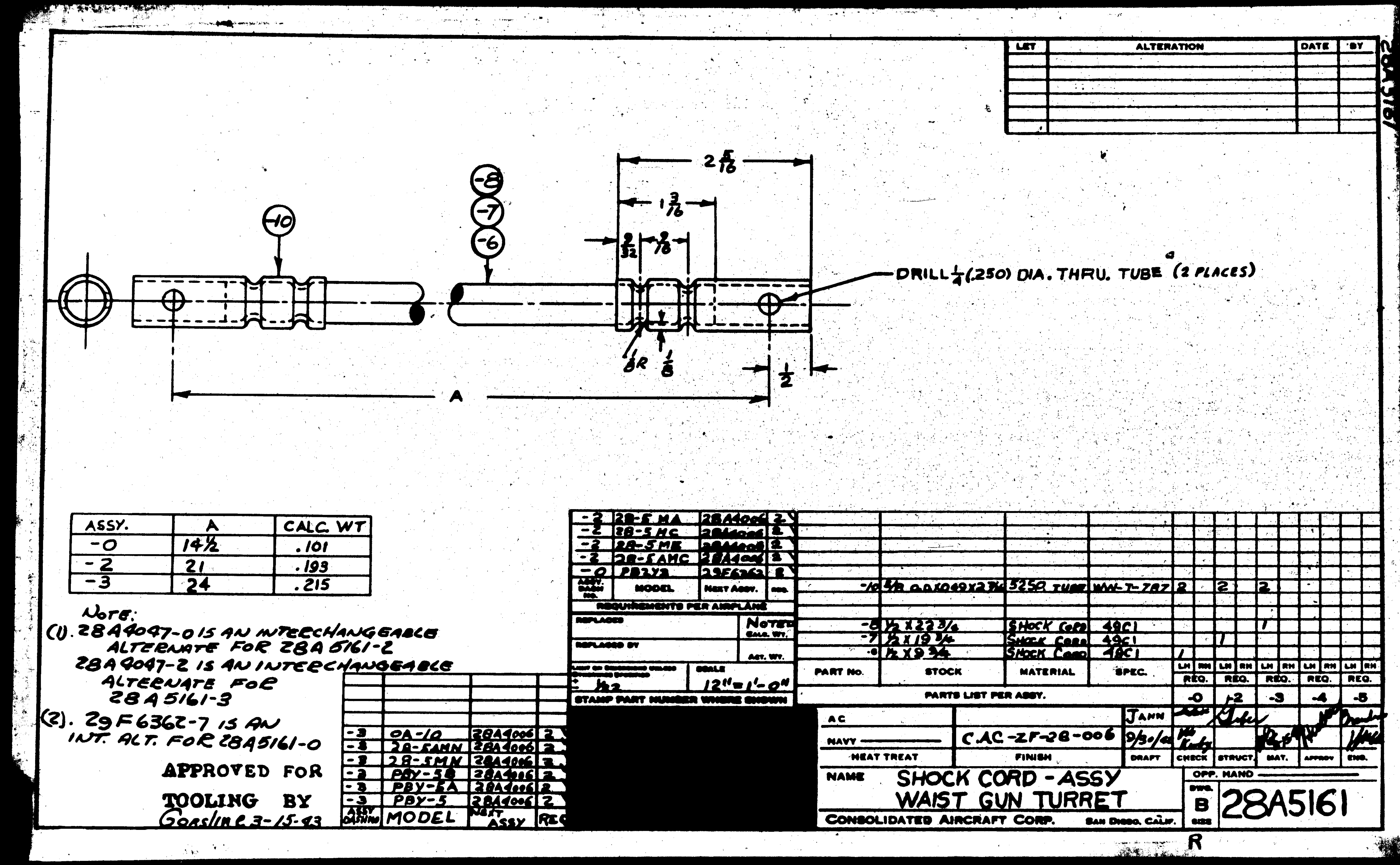
R



JOGGLE 1/16
5/8
9/16
6 L R
WT .127"
5 1/8
5/8
9/16
7 L R
WT .07"
2 15/16
REQUIREMENTS PER AIRPLANE
NOTED
STAMP PART NUMBER WHERE SHOWN
PARTS
0 2 3 4 5
Z P GP
NAME CHANNEL - REINF - ARM'T - TORPEDO CAMERA
B 28A5154
CONSOLIDATED AIRCRAFT CORP

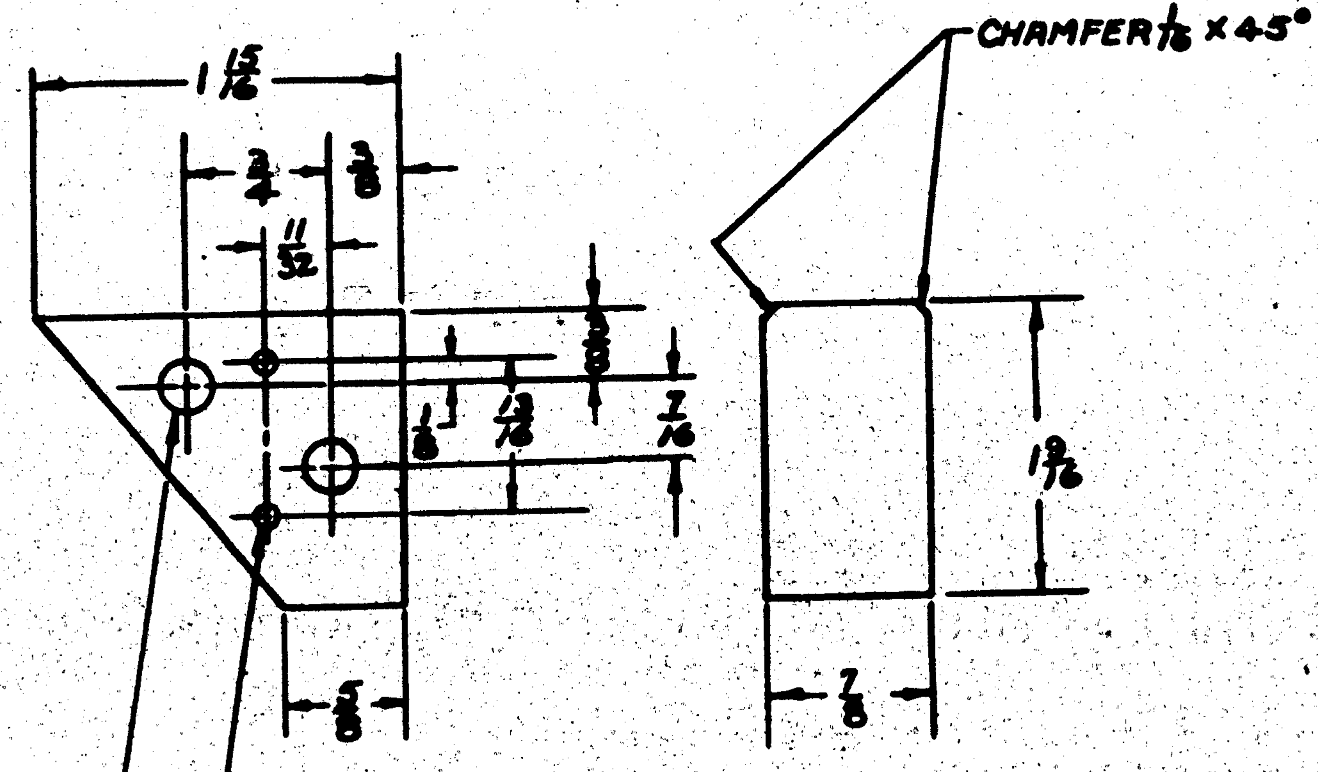


Ⓐ 20 1/4
MCR200-1
MODEL
NEXT ASSY.
SCALE
PART No.
STOCK
MATERIAL
SPEC.
PARTS LIST FOR ASSY.
AC
NAVY NONE
HEAT TREAT
FINISH
DRAFT
CHECK
GUARD - BOMB
HOIST CABLE
CONSOLIDATED AIRCRAFT CORP.
28A5157



LET
ALTERATION
DATE
BY
2 5/16
1 3/16
9/32
9/16
-8
-7
-6
-10
DRILL 1/4 (.250) DIA. THRU. TUBE (2 PLACES)
1/8 R
1/8
1/2
A
ASSY. | A | CALC. WT
-0 | 14 1/2 | .101
-2 | 21 | .193
-3 | 24 | .215
NOTE:
(1). 28A4047-0 IS AN INTERCHANGEABLE ALTERNATE FOR 28A5161-2
28A4047-2 IS AN INTERCHANGEABLE ALTERNATE FOR 28A5161-3
(2). 29F6362-7 IS AN INT. ALT. FOR 28A5161-0
APPROVED FOR TOOLING BY
Gorsline 3-15-43
-2 | 28-5MA | 28A4006 | 2
-2 | 28-5MC | 28A4006 | 2
-2 | 28-5ME | 28A4006 | 2
-2 | 28-5AMC | 28A4006 | 2
-0 | PB2Y3 | 29F6362 | 2
ASSY. DASH NO. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
REPLACED BY
NOTED CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
1/32
STAMP PART NUMBER WHERE SHOWN
-3 | OA-10 | 28A4006 | 2
-3 | 28-5AMN | 28A4006 | 2
-3 | 28-5MN | 28A4006 | 2
-3 | PBY-5B | 28A4006 | 2
-3 | PBY-5A | 28A4006 | 2
-3 | PBY-5 | 28A4006 | 2
ASSY. DASH NO. | MODEL | NEXT ASSY. | REQ.
[redacted]
-10 | 5/8 O.D. X .049 X 2 3/4 | 5250 TUBE | WW-T-787 | 2 | 2 | 2
-8 | 1/2 X 22 3/4 | SHOCK CORD | 49C1 | 1
-7 | 1/2 X 19 3/4 | SHOCK CORD | 49C1 | 1
-6 | 1/2 X 9 3/4 | SHOCK CORD | 49C1 | 1
PART NO. | STOCK | MATERIAL | SPEC. | LH RH REQ.
PARTS LIST PER ASSY.
-0 | -2 | -3 | -4 | -5
AC
NAVY
CAC-ZF-28-006
HEAT TREAT
FINISH
JAHN
9/30/42
DRAFT | CHECK | STRUCT. | MAT. | APPROV. | ENG.
NAME SHOCK CORD - ASSY WAIST GUN TURRET
OPP. HAND
DWG. SIZE B
28A5161
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.
R

LET	ALTERATION	DATE	BY
B	[illegible] ADDED [illegible] CHAMFER		



\#30(.1285) 2 HOLES
JIG LOCATE TO MATCH 28A5132 REF.

\#G (.261) DIA. (2 HOLES)
JIG LOCATE TO MATCH 28A5132 (REF)

MCR #200(1)
MCR #32(2 of 2)
MISC. CHG.

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28A5132	B
	PBY-5	28A5132	B

REQUIREMENTS PER AIRPLANE

REPLACES 28A5171 OF 11-10-42	.08 CALC. WT.
REPLACED BY	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64	SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PURCHASE TO DWG.

PART NO.	STOCK	MATERIAL	SPEC.
	[illegible]	PHENOLIC	TYPE FBEC

PARTS LIST PER ASSY.

REQ. (LH / RH)	REQ. (LH / RH)	REQ. (LH / RH)	REQ. (LH / RH)	REQ. (LH / RH)
-0	-2	-3	-4	-5

AC		
NAVY NONE	NONE	3-17-42
HEAT TREAT	FINISH	DRAFT, CHECK, STRUCT., MAT., APPROV., ENG.

OPP. HAND —

NAME: SPACER
EXTERNAL BOMB RACK

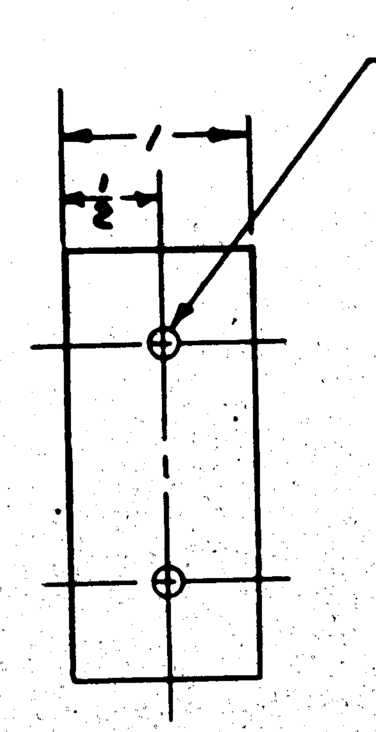
DWG. SIZE B

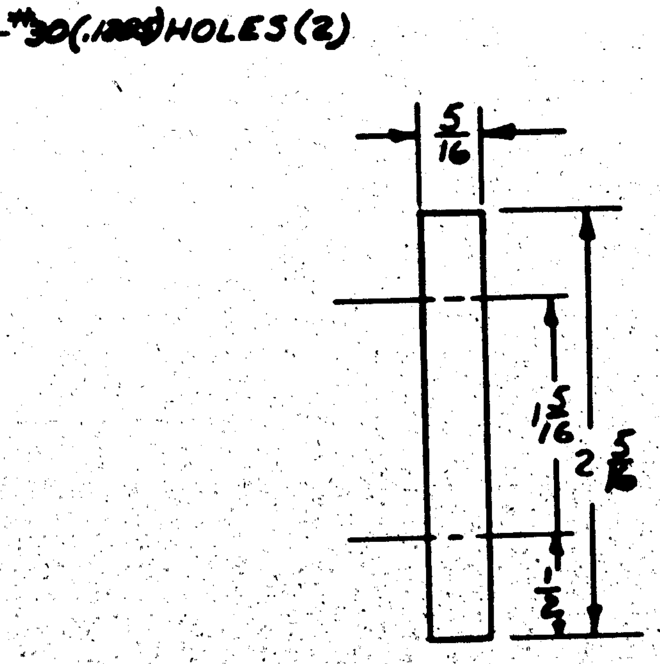
28A5171

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

APPROVED FOR
TOOLING BY
V. BROWN 3-19-43

LET	ALTERATION	DATE	BY





PURCHASE TO DWG.

C.A.C. CH. #126-1

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	B&Y-5	28A5178	3

REQUIREMENTS PER AIRPLANE

REPLACES	.09# CALC. WT.
REPLACED BY	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

[redacted]

PART No.	STOCK	MATERIAL	SPEC.	-0 REQ. LH	-0 REQ. RH	-2 REQ. LH	-2 REQ. RH	-3 REQ. LH	-3 REQ. RH	-4 REQ. LH	-4 REQ. RH	-5 REQ. LH	-5 REQ. RH
	1 x 1 5/16 x 2 5/16	PHENOLIC	17PS-FBM-5										

PARTS LIST PER ASSY.

AC		WALLACE 11-7-42	LINN	[illegible]		[illegible]	[illegible]	
NAVY NONE	NONE							
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.	

NAME SPACER-ARM'T-MK9C BOMBSIGHT-SUPPORT

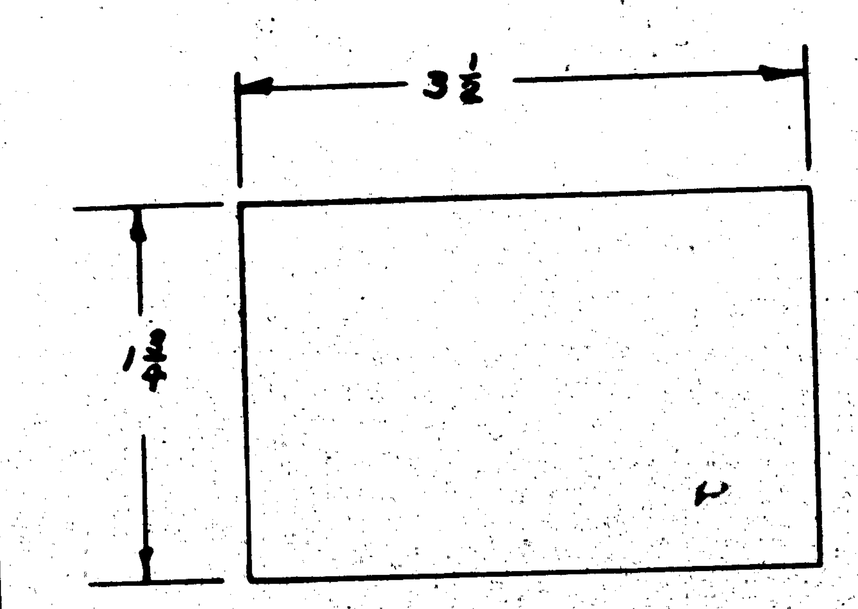
OPP. HAND

DWG. SIZE B 28A5173

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R 9 11 42

APPROVED FOR TOOLING BY R.B. Humphreys 1-1-43



C.A.C.CH.# 126-1

LET	ALTERATION	DATE	BY

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY-5	28A5175	1

REQUIREMENTS PER AIRPLANE

REPLACES	.05 CALC. WT.
REPLACED BY	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE NONE

STAMP PART NUMBER WHERE SHOWN

[redacted]

PART No	STOCK	MATERIAL	SPEC.	LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
	.064 x 1 7/8 x 3 5/8	ALCLAD	47AB-T										
				REQ. -0		REQ. -2		REQ. -3		REQ. -4		REQ. -5	

PARTS LIST PER ASSY.

AC		11-9-42					
NAVY NONE	Z-P-GP	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.
HEAT TREAT	FINISH						

NAME FILLER-ARM'T-MK.9C BOMBSIGHT-SUPPORT

OPP. HAND

DWG. SIZE B 28A5177

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R

APPROVED FOR TOOLING BY

R.B. Humphreys 1-1-43

LET	ALTERATION	DATE	BY

1 1/4

7/8

1 5/8

1 7/16

ALL RADII 5/32

N.C.R. #126-2

PURCHASE TO DWG.

Model	Next Assy.	No.
PBY-5	28A5189	D

.03 REPLACED

REPLACED BY

± 1/32

SCALE 12" = 6"

PART No.	STOCK	MATERIAL	SPEC.	REQ. -0	REQ. -2	REQ. -3	REQ. -4	REQ. -5
	7/8 x 1 5/8 x 1 3/4	AN-Z-9040-II-6A		1				

PARTS LIST FOR ASSY.

[redacted]

AC

HEAT TREAT NONE

FINISH NONE

DRAFT 4-13-42 · CHECK · STRUCT. 11 · MAT. · APPROV. · ENG.

NAME TRIGGER STOP-ARM'T-ADAPTER-BOMB REL. RACK

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

SIZE B

28A5189

APPROVED FOR

TOOLING BY

R.B. 1-2-41

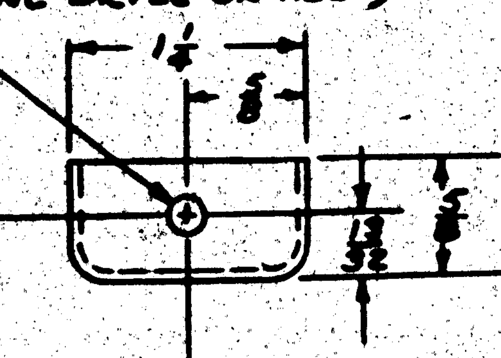
R

LET	ALTERATION	DATE	BY

7/8

5/32 SPHERICAL RADII AT ALL CORNERS

#10(.1935)HOLES(2)
(LINE DRILL ON ASSY)



MCR # 126-2

APPROVED FOR TOOLING BY
P.B. Humphreys 1-3-43

	PBY-5	28A5183	A
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS FOR AIRPLANE

REPLACES	.02 # CALC. WT.
REPLACED BY	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12"=1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	REQ. LH	REQ. RH	REQ. LH	REQ. RH	REQ. LH	REQ. RH	REQ. LH	REQ. RH	REQ. LH	REQ. RH
	.040 X 2 1/4 X 2 5/8	ALCLAD	24ST-T	1									
PARTS LIST PER ASSY.				-0		-2		-3		-4		-5	

		DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.
AG		[illegible] 4-13-42	[signature]	[signature]	[signature]	[signature]	[signature]
PAINT NONE	Z-P-6P						
HEAT TREAT	FINISH						

NAME CUP-ARM'T-ADAPTER-BOMB RELEASE RACK

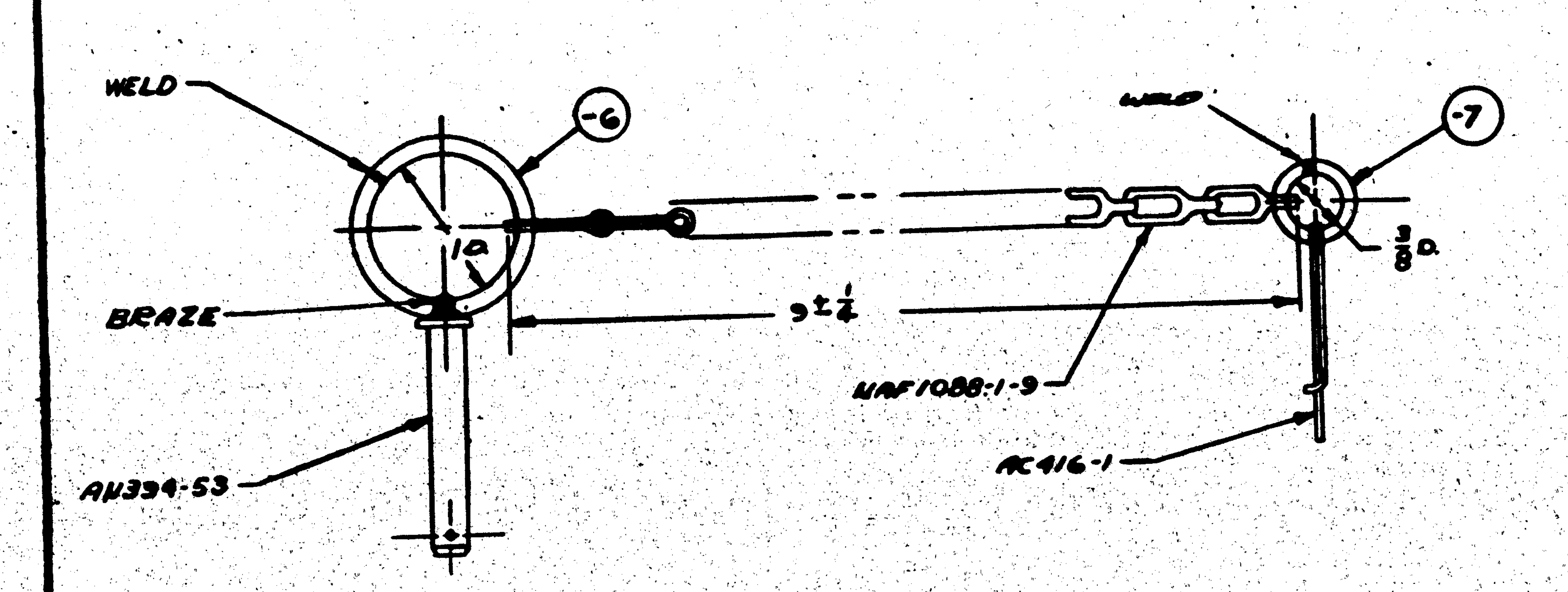
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

OPP. HAND

DWG. SIZE B 28A5190

R

LET	ALTERATION	DATE	BY
A	REMOVED MAT'L "WELDING ROD" & SPEC. "10286" FOR -6 & -7 FROM B/M. NOTED MAT'L & SPEC. FOR -6 & -7, & ADDED MAT'L NOTES 1 & 2 TO FACE OF DWG. NO WT. CHG.	[illegible]	[illegible]
B	ON FACE OF DWG. MAT. NOTE #2 REMOVED FROM SPEC. "COND F-4" IN H.T. BLOCK REPLACED "NONE" WITH "NOTED" ON FACE. TO NOTE #2 ADDED "T.S. 65,000 TO 90,000 #/□" TO NOTE #3 ADDED "T.S. 55,000 TO 70,000 #/□" (NO WT. CHG.)	[illegible]-11-43	[illegible]



M.C.E. #126-Z
C.91876

Ⓐ MATERIAL NOTE FOR -6 & -7:
1- WELDING ROD, SPEC. 10286, OR
2.- S.A.E. # X4130 C.M.S. ROD, SPEC. AN-QQ-S-684, T.S. 65,000 TO 90,000 #/□".
3.- S.A.E. 1020 OR 1025 ROD SPEC. AN-QQ-S-646, T.S. 55,000 TO 70,000 #/□".

	MODEL	NEXT ASSY.	NO.	PART No.	STOCK	MATERIAL	SPEC.	-0 REQ.
	PB2Y-3	28A5201	6	UAF1088-1-9				1
	PB2Y-3	28A5202	8	AC416-1				1
				AN334-53				1
				-7	3/32 x 1 1/4	NOTED	NOTED	1
				-6	1/8 x 3 1/4	NOTED	NOTED	1

REQUIREMENTS FOR AIRPLANE

PARTS LIST PER ASSY. — REQ. -0, -2, -3, -4, -5 (LH / RH)

REPLACES — .065 CALC. WT.
REPLACED BY — ACT. WT.
1/32 — SCALE 12" = 1'0"
STAMP PART NUMBER WHERE SHOWN

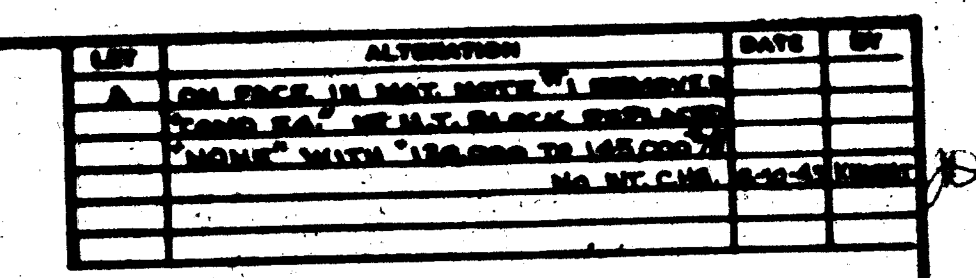
APPROVED FO[redacted]
TOOLING BY [redacted]
R.B. Humphrey 1-2-43

AC
HEAT TREAT: NOTED
FINISH: CP-6P
DRAFT: LINN 11-13-42 — CHECK — STRUCT. — MAT. — APPROV. — ENG.
OPP. HAND

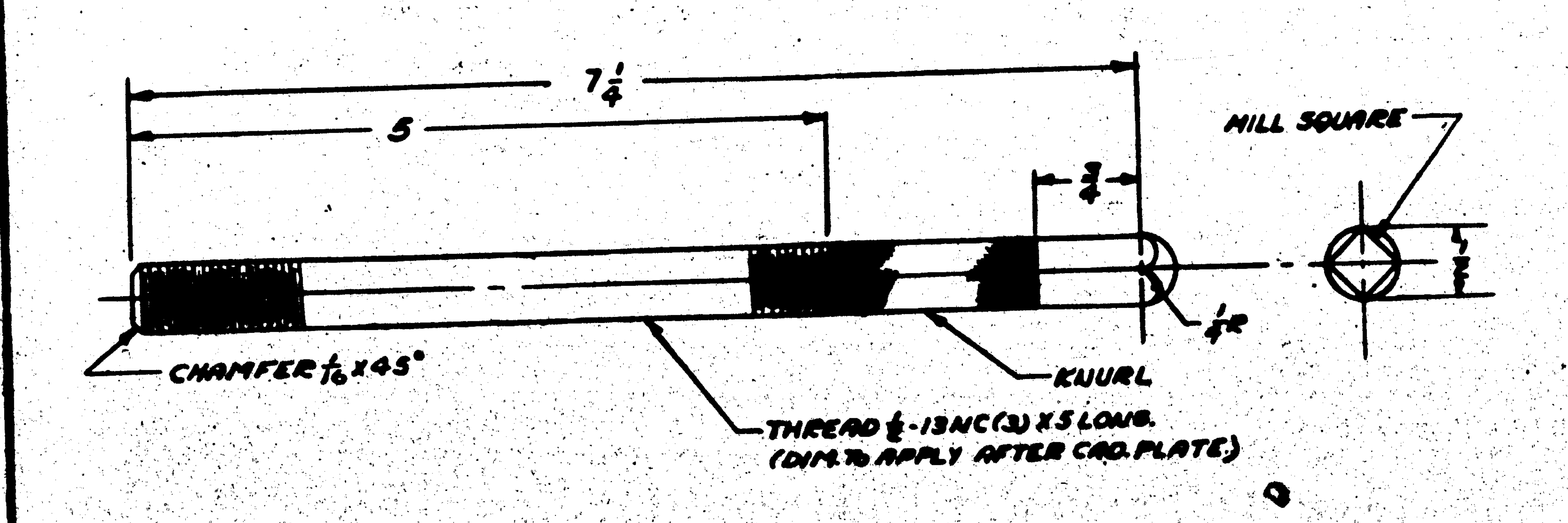
NAME: LOCKPIN ASSY.- ARM'T.- ADAPTER- BOMB REL. RACK
DWG. SIZE: B
28A5191

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R



LET	ALTERATION	DATE	BY
A	ON PCE. IN MAT. NOTE "1 [illegible] COND. EA." IN H.T. BLOCK REPLACED "NONE" WITH "120,000 TO 145,000"		
	NO INT. CHG.	[illegible]	[illegible]



C.91876
M.C.R # 126-2

MATERIAL:
1. X4130 STEEL, SPEC. AN-QQ-S-684.
2. NE 8735 STEEL, SPEC. AN-S-15, COND. F-2

APPROVED FOR
TOOLING BY
R.B. HUMPHREYS 1-2-43

	PBY-5	28A5202	16
	PBY-5	28A5201	16
	MODEL	NEXT ASSY.	NO.
REPLACES		.496 #	
REPLACED BY			
	1/22	SCALE 12" = 1'0"	

[redacted]

PART No.	STOCK	MATERIAL	SPEC.
	1/2 ROD X 7 5/8	NOTED	NOTED

PARTS LIST FOR ASSY.

LH / RH REQ.	LH / RH REQ.	LH / RH REQ.	LH / RH REQ.	LH / RH REQ.
-0	-2	-3	-4	-5

HEAT TREAT	FINISH
AC 120,000 TO 145,000 #/□"	CAD. PLATE

DRAFT	CHECK	STRESS	MAT.	APPROV.	ENG.
LWW [illegible]	[signature]	[signature]		[signature]	[signature]

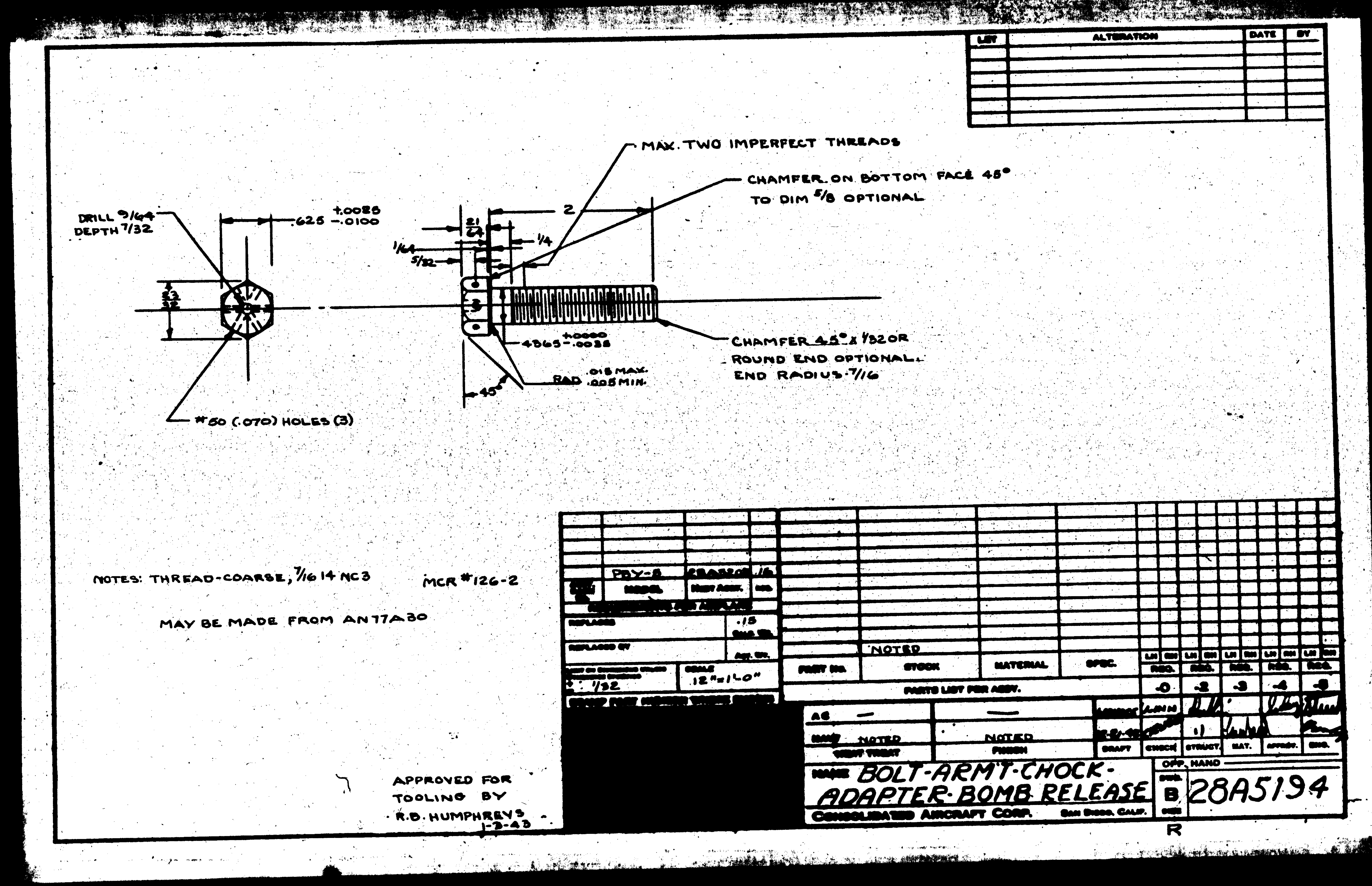
NAME CHOCK · ARM'T · ADAPTER · BOMB RELEASE

OPP. HAND

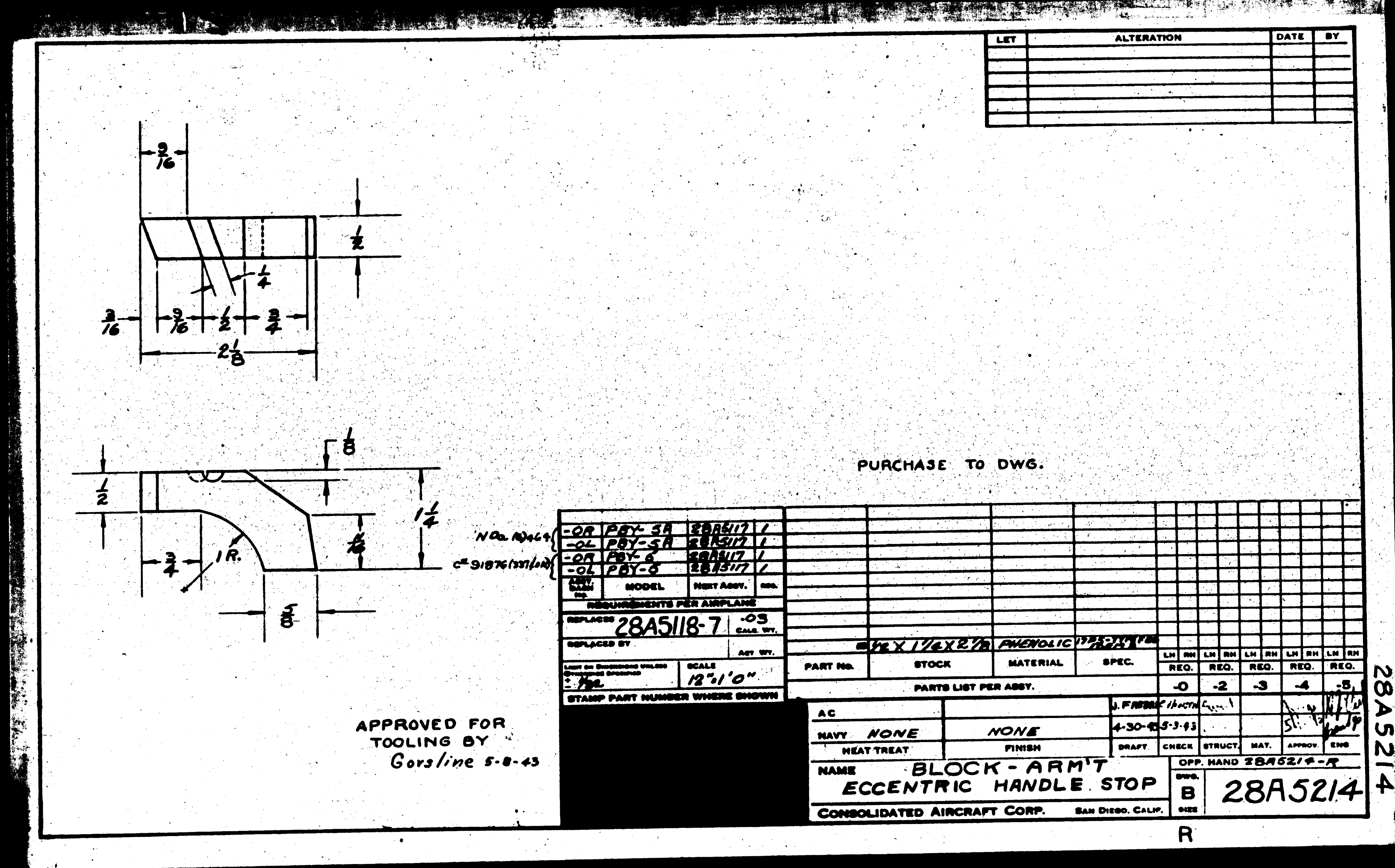
DWG. SIZE B 28A5192

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R

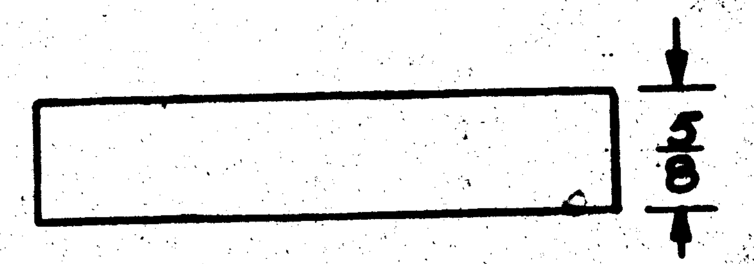


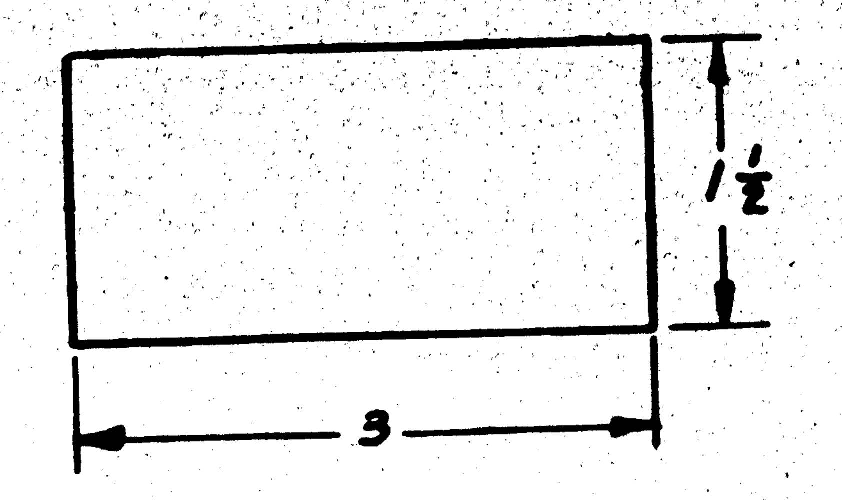
LET
ALTERATION
DATE
BY
MAX. TWO IMPERFECT THREADS
CHAMFER ON BOTTOM FACE 45°
TO DIM 5/8 OPTIONAL
DRILL 9/64
DEPTH 7/32
.625 +.0025 −.0100
2
21/64
1/4
1/64
5/32
.4365 +.0000 −.0035
CHAMFER 45° X 1/32 OR
ROUND END OPTIONAL.
END RADIUS 7/16
RAD .015 MAX. .005 MIN.
45°
#50 (.070) HOLES (3)
NOTES: THREAD-COARSE, 7/16 14 NC3
MCR #126-2
MAY BE MADE FROM AN77A30
PBY-5
MODEL
NEXT ASSY.
REPLACES
.15
REPLACED BY
1/32
SCALE
12"=1'-0"
NOTED
STOCK
MATERIAL
SPEC.
PARTS LIST FOR ASSY.
-0
-2
-3
-4
-5
AS
NOTED
HEAT TREAT
NOTED
FINISH
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG.
OPP. HAND
NAME BOLT-ARM'T-CHOCK-ADAPTER-BOMB RELEASE
B
28A5194
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
R
APPROVED FOR
TOOLING BY
R.B. HUMPHREYS
1-3-43



LET
ALTERATION
DATE
BY
PURCHASE TO DWG.
-OR PBY-5A 28A5117 1
-OL PBY-5A 28A5117 1
-OR PBY-6 28A5117 1
-OL PBY-6 28A5117 1
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES 28A5118-7
.03 CALC. WT.
REPLACED BY
ACT. WT.
SCALE 12"=1'0"
STAMP PART NUMBER WHERE SHOWN
PHENOLIC
PART No.
STOCK
MATERIAL
SPEC.
LH RH LH RH LH RH LH RH LH RH
REQ. REQ. REQ. REQ. REQ.
-0 -2 -3 -4 -5
PARTS LIST PER ASSY.
AC
NAVY NONE
NONE
HEAT TREAT
FINISH
4-30-43
5-3-43
DRAFT
CHECK
STRUCT.
MAT.
APPROV.
ENG
OPP. HAND 28A5214-R
NAME BLOCK - ARM'T ECCENTRIC HANDLE STOP
DWG. B SIZE
28A5214
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
APPROVED FOR TOOLING BY
Gorsline 5-8-43
1 R.
R
28A5214

LET	ALTERATION	DATE	BY





MATERIAL NOTE:
1. RECLAIMED OR SYNTHETIC RUBBER SPONGE.
DENSITY 60 TO 65 CU. IN. PER POUND
2. CAN BE MADE FROM CAC #RU-152
VENDOR: KIRKHILL RUBBER CO.
LOS ANGELES, CALIF.

MCR200-1
MCR52[illegible]

ASSY. DASH No.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	[illegible]	2
	PBY-5	[illegible]	2

REQUIREMENTS PER AIRPLANE

REPLACES	.010 CALC. WT.
REPLACED BY	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	REQ. LH	REQ. RH	REQ. LH	REQ. RH	REQ. LH	REQ. RH	REQ. LH	REQ. RH	REQ. LH	REQ. RH
	[illegible] x 1/2 x 3	NOTED											
				-0		-2		-3		-4		-5	

PARTS LIST PER ASSY.

DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.
LINN	KRUK	[illegible]		[illegible]	[illegible]
3-5-43	3/12/43	1	[illegible]	[illegible]	[illegible]

AC

NAVY NONE

HEAT TREAT

NONE

FINISH

OPP. HAND

NAME GASKET-ARM'T. BOMB RACK FAIRING

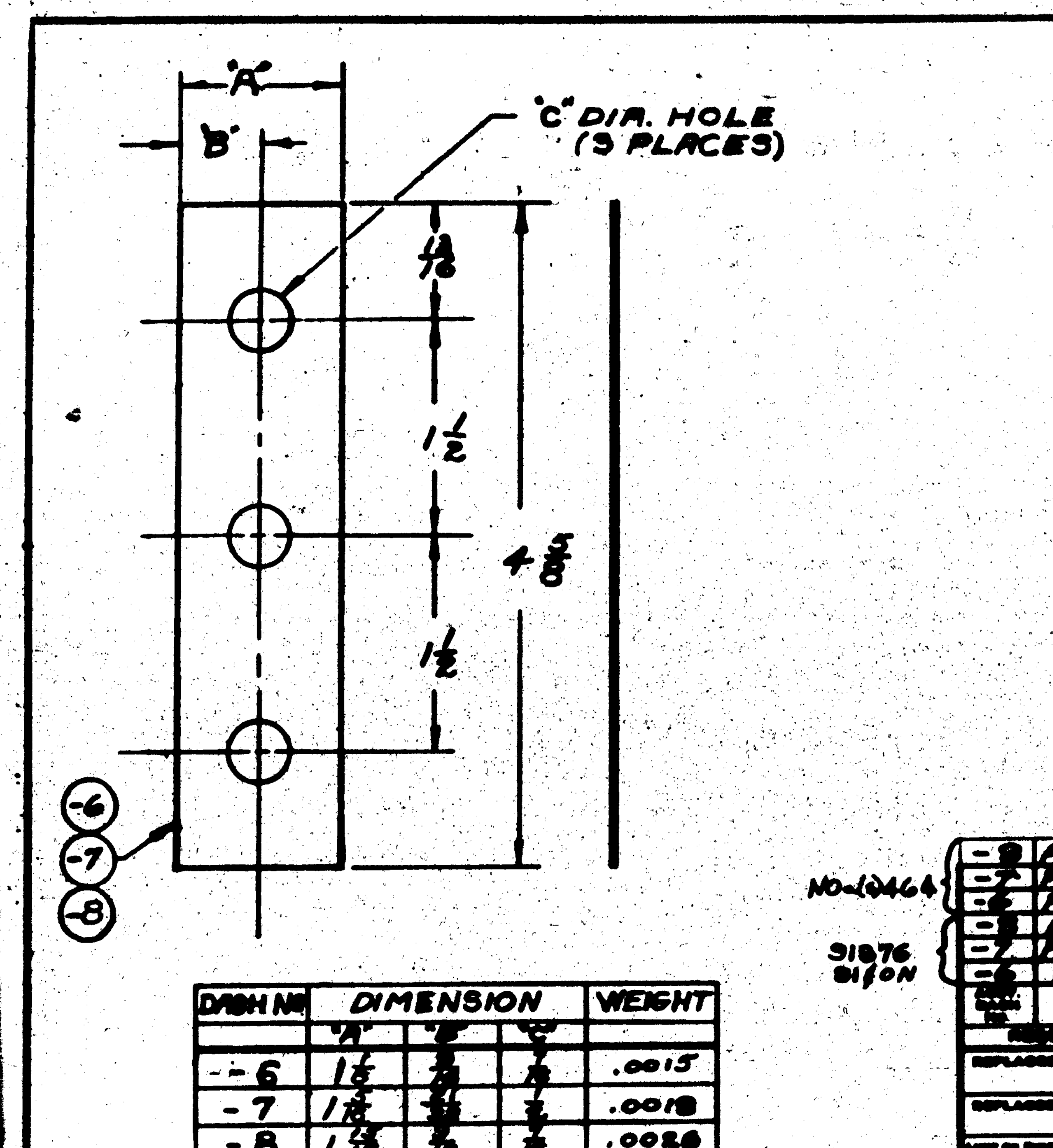
DWG. SIZE B 28A5215

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R

APPROVED FOR TOOLING BY V. BROWN 3/19/43

LET	ALTERATION	DATE	BY



DASH NO	DIMENSION			WEIGHT
	"A"	"B"	"C"	
-6	[illegible]	[illegible]	[illegible]	.0015
-7	[illegible]	[illegible]	[illegible]	.0018
-8	[illegible]	[illegible]	[illegible]	.0026

APPROVED FOR
TOOLING BY
E. E. Dalton
6 - 5 - 43

	DASH No.	MODEL	NAVY ACPT.	REQ.
NO-(1)464	-8	PBY-5A	[illegible]	[illegible]
	-7	PBY-5A	[illegible]	[illegible]
	-6	PBY-5A	[illegible]	[illegible]
91876 91/ON	-8	PBY-5	[illegible]	[illegible]
	-7	PBY-5	[illegible]	[illegible]
	-6	PBY-5	[illegible]	[illegible]

REQUIREMENTS FOR AIRPLANE

REPLACES | NOTED CALC. WT.

REPLACED BY | ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 | SCALE 12" = 1'0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.
-8	1/64 X 1 3/8 X 4 3/4	SYN. RUBBER	ZM-[illegible]
-7	1/64 X 1 1/2 X 4 3/4	SYN. RUBBER	ZM-[illegible]
-6	1/64 X 1 1/4 X 4 3/4	SYN. RUBBER	ZM-[illegible]

PARTS LIST PER ASSY.

LH	RH	LH	RH	LH	RH	LH	RH	LH	RH
REQ.		REQ.		REQ.		REQ.		REQ.	
-0		-2		-3		-4		-5	

AC		TRACED					
NAVY NONE	NONE	4-28-43				5-11-43	
HEAT TREAT	FINISH	D. AFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

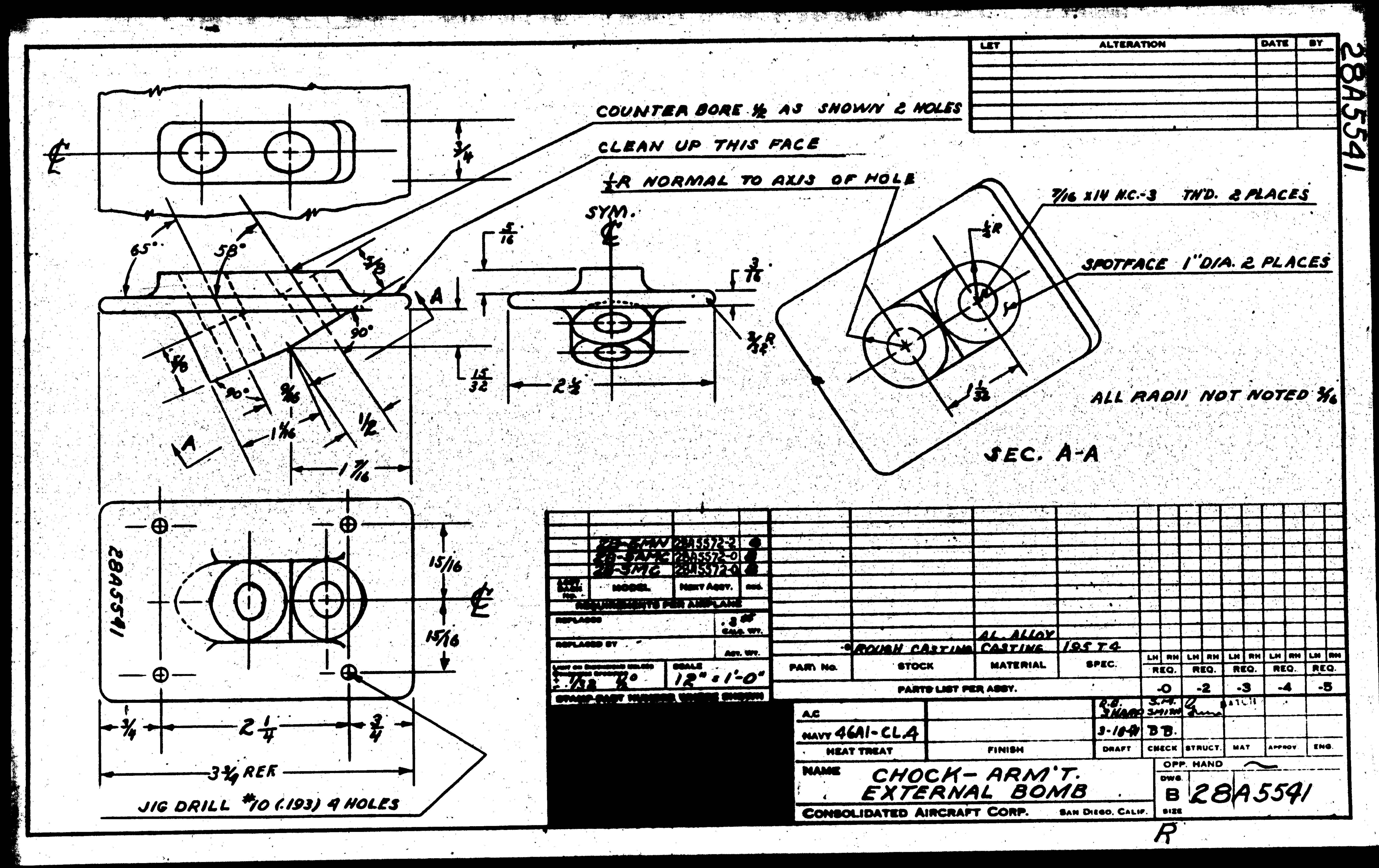
NAME GASKET - ARM'T BOMB RACK

OPP. HAND

DWG. SIZE B 28A5219

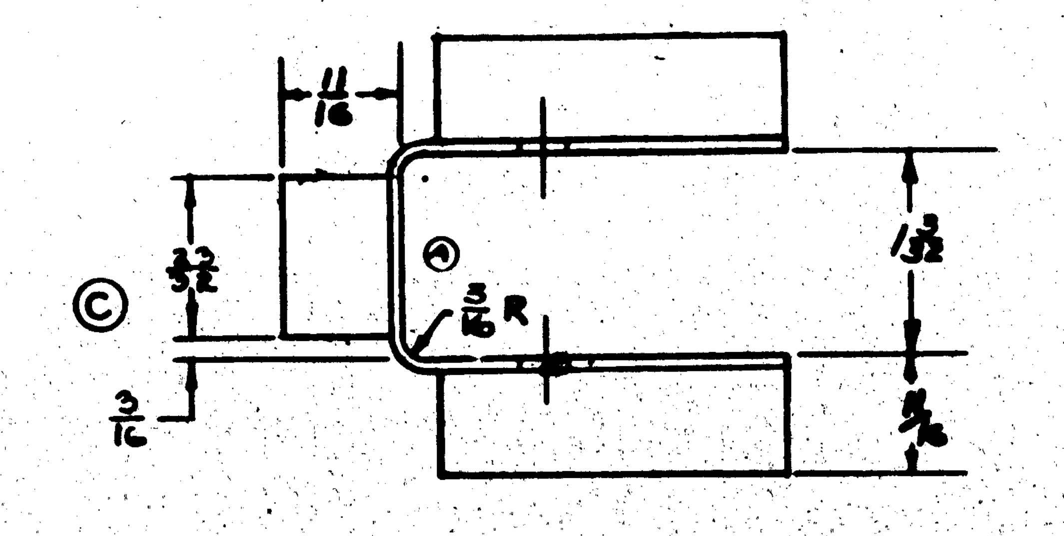
CONSOLIDATED AIRCRAFT CORP. San Diego, Calif.

28A5219


28A5541
LET
ALTERATION
DATE
BY
COUNTER BORE 1/2 AS SHOWN 2 HOLES
CLEAN UP THIS FACE
1/2 R NORMAL TO AXIS OF HOLE
SYM.
7/16 x14 N.C.-3 TH'D. 2 PLACES
1/2 R
SPOTFACE 1" DIA. 2 PLACES
ALL RADII NOT NOTED 3/16
SEC. A-A
65°
58°
90°
90°
A
A
3/4
5/16
3/16
3/32 R
15/32
2 1/2
1 1/32
5/8
9/16
1 1/16
1/2
1 7/16
28A5541
15/16
15/16
3/4
2 1/4
3/4
3 3/4 REF.
JIG DRILL #10 (.193) 4 HOLES
28-5MN 28A5572-2
28-5AMC 28A5572-0
28-5MC 28A5572-0
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES
.3
CALC. WT.
REPLACED BY
ACT. WT.
SCALE
12" = 1'-0"
1/32
STAMP PART NUMBER WHERE SHOWN
ROUGH CASTING
AL. ALLOY CASTING
195 T4
PART NO.
STOCK
MATERIAL
SPEC.
PARTS LIST PER ASSY.
LH RH REQ. -0
LH RH REQ. -2
LH RH REQ. -3
LH RH REQ. -4
LH RH REQ. -5
A.C.
NAVY 46A1-CLA
HEAT TREAT
FINISH
3-18-41
DRAFT
CHECK
STRUCT.
MAT
APPROV
ENG.
OPP. HAND
NAME
CHOCK- ARM'T.
EXTERNAL BOMB
DWG.
B 28A5541
SIZE
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
R

LET	ALTERATION	DATE	BY
A	CHGD VAR TO 3/16 R	1-29-4[illegible]	[illegible]
B	.081x7x6-ALC 24SO was .081x		
	7x5 ALC. ST. IN B/M.	[illegible]	[illegible]
C.	ADDED DIMS. 3/16 & 23/32.		
	NO WT. CHG.	8-12-43	HARVEY

INCORPORATES
PBY-5 BUAERO CHG. No. 10
PBY-5A BUAERO CHG. No. 5



3/4
1/2 R
DRILL 1/4 (.250)
1/2
2 1/2
3/16
3/16 R
3/16
2

P

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

ASSY. DASH No.	MODEL	NEXT ASSY.	REQ.
	28-5AMN	28A5101	2
	PBY-5B	28A5101	2
	PBY-5	28A5101	2
	PBY-5A	28A5101	2

REQUIREMENTS PER AIRPLANE

REPLACES — .12 CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	-0 REQ.	-2 REQ.	-3 REQ.	-4 REQ.	-5 REQ.
-0	.081 X 7 X 5	ALC. 24SO	[illegible]	1				

PARTS LIST PER ASSY.

AC						
NAVY SR-53	Z-P-AP	[illegible]	Billing	[illegible]	[illegible]	[illegible]
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV. / ENG.

NAME BRACKET-LOWER-ARM'T FIRING GUARD

OPP. HAND

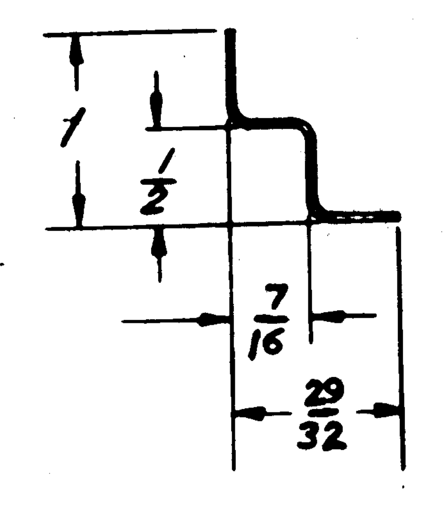
DWG. SIZE B 28A5598

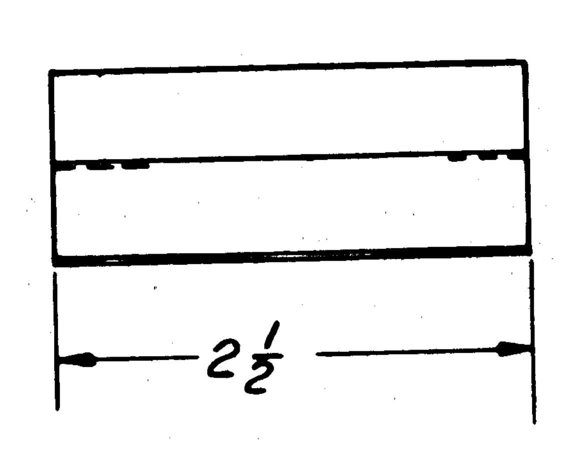
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R [illegible]

E.D.C.# 88863

LET	ALTERATION	DATE	BY
A	REMOVED PBY-5 REQ. & ADDED #1 TO #52 INCL. TO PBY-5A CONT. 88476	6-13-42	[illegible]
B	CHANGED HEAT TREAT TO NONE	6-13-42	[illegible]





#1 TO #52 INCL. S0953-21 CONT. NO. 88476
S0949-50 CONT. NO. 77713

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY5A	28A5614-2	2
	PBY5A	28A5614-2	2

REQUIREMENTS PER AIRPLANE

REPLACES	.043# CALC. WT.
REPLACED BY	ACT. WT.
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32	SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.
	.035 x 1 5/16 x 2 1/2	CH-MOLLY STL.	AN-QQ-S-685

PARTS LIST PER ASSY.

REQ. -0	REQ. -2	REQ. -3	REQ. -4	REQ. -5
LH / RH	LH / RH	LH / RH	LH / RH	LH / RH

AC	
NAVY NORM. 90,000 - 125,000 TS.	NONE
HEAT TREAT	FINISH

DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.
BOANOTO 2-20-42	BILLING 3-5-42	GERBER WILLIAMS 5/10	R.R.	PACHL	H. VICK ZUCK

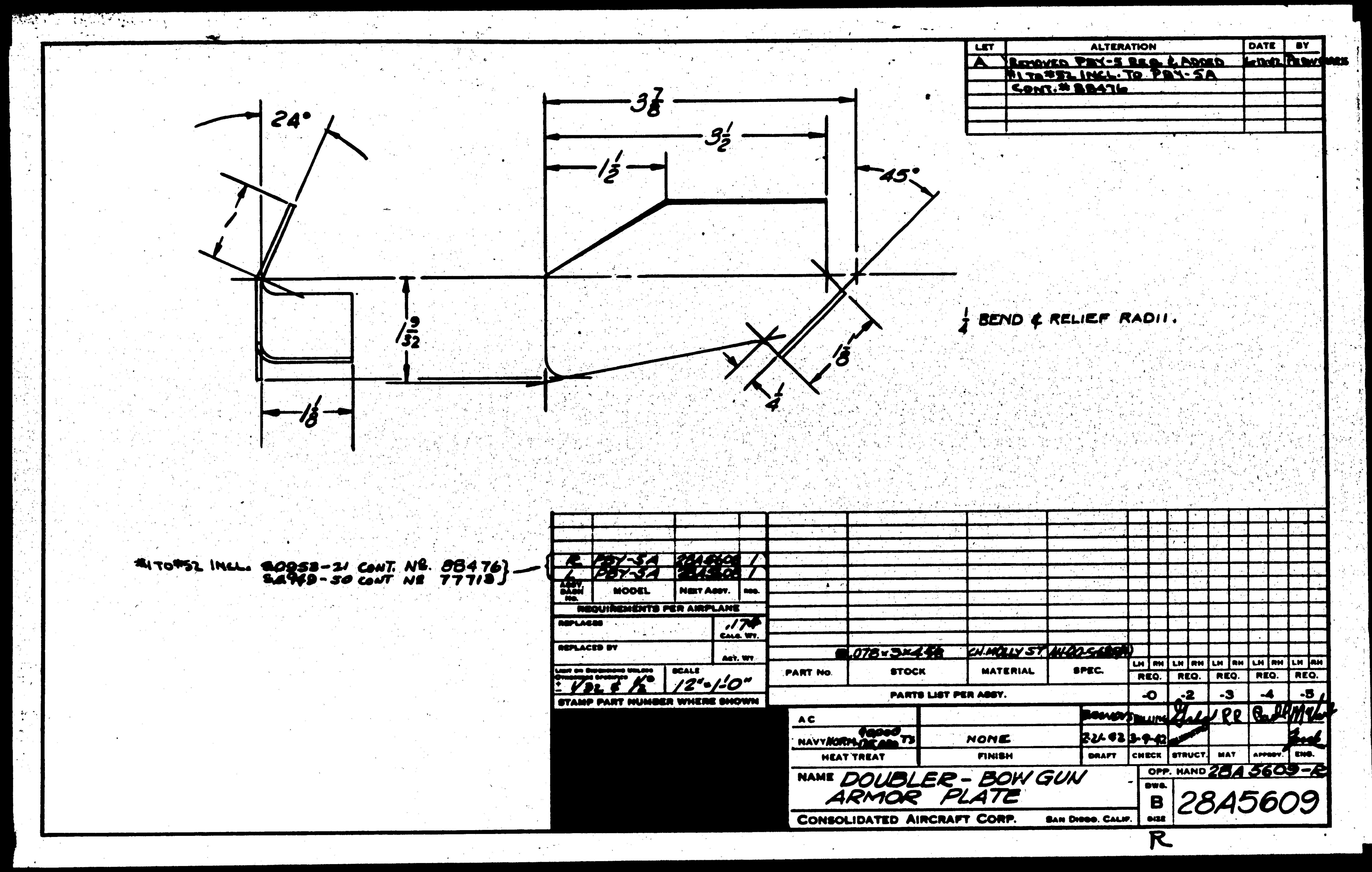
NAME STIFFENER - BOW GUN ARMOR PLATE - STRAP

OPP. HAND —

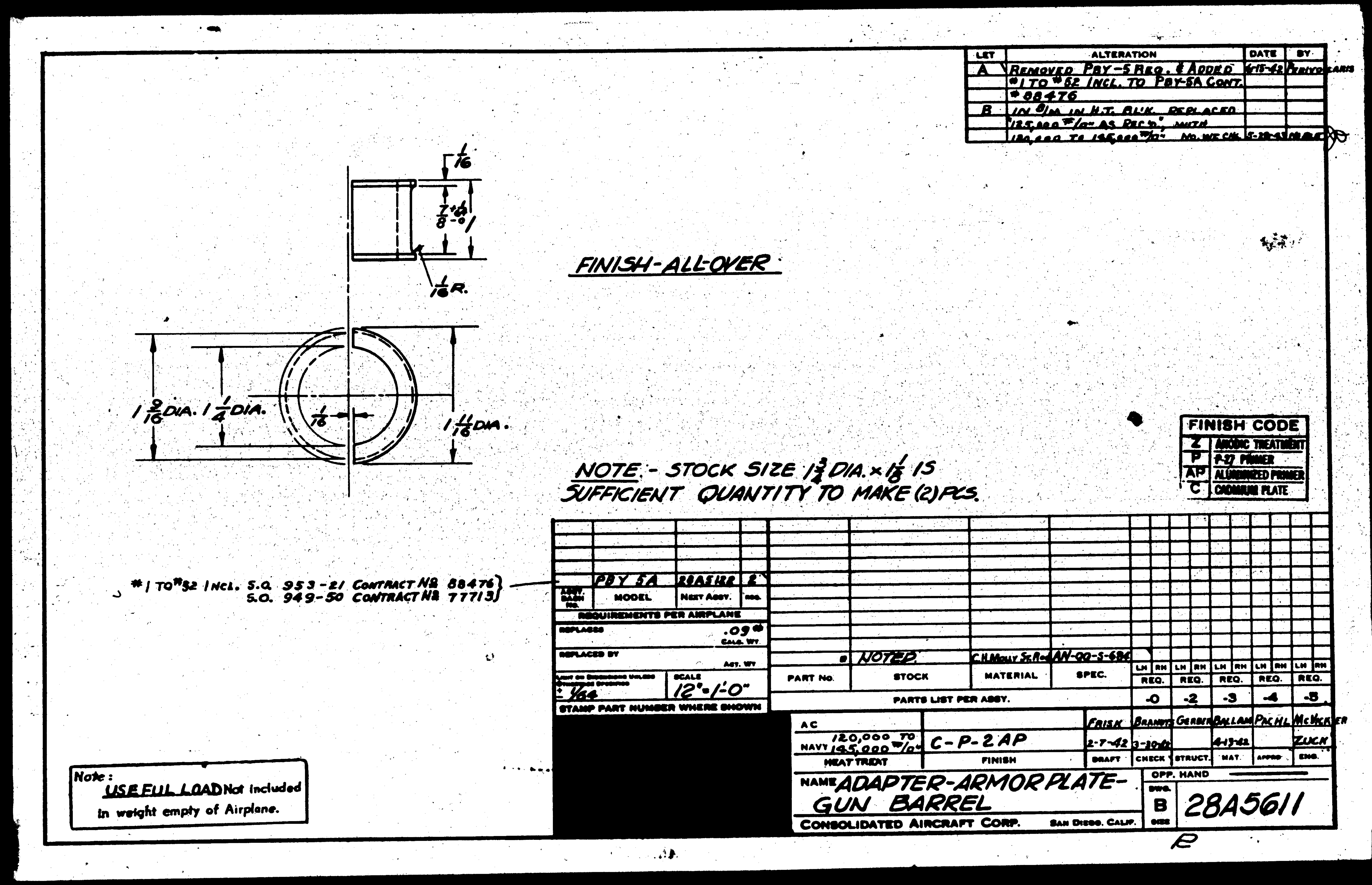
DWG. SIZE B

28A5607

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.



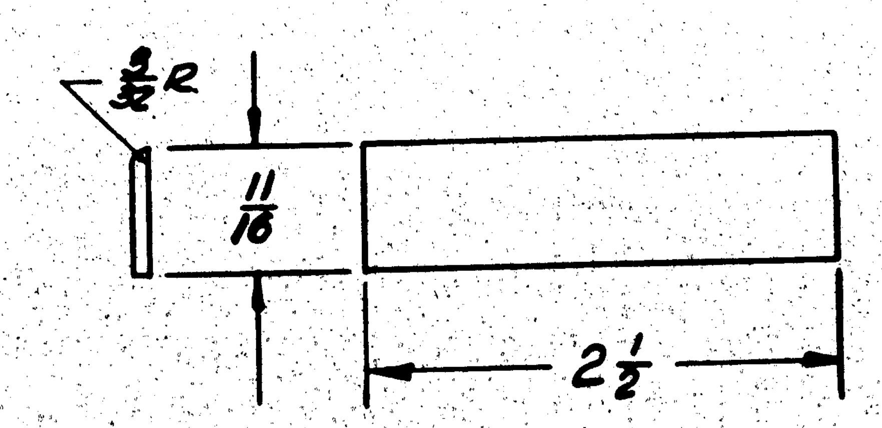
LET
ALTERATION
DATE
BY
A
REMOVED PBY-5 REQ. & ADDED
#1 TO #52 INCL. TO PBY-5A
CONT. #88476
24°
3 7/8
3 1/2
1 1/2
45°
1 9/32
1 1/8
1 1/8
1/4
1/4 BEND & RELIEF RADII.
#1 TO #52 INCL.
CONT. NO. 88476
CONT NO 77713
PBY-5A
PBY-5A
ASSY. DASH NO.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
REPLACES
CALC. WT.
REPLACED BY
ACT. WT.
± 1/32 & 1/2°
SCALE
12" = 1'-0"
STAMP PART NUMBER WHERE SHOWN
PART NO.
STOCK
MATERIAL
SPEC.
LH RH
REQ.
PARTS LIST PER ASSY.
-0
-2
-3
-4
-5
AC
NAVY
HEAT TREAT
NONE
FINISH
DRAFT
CHECK
STRUCT.
MAT
APPROV.
ENG.
OPP. HAND 28A5609-R
NAME DOUBLER - BOW GUN ARMOR PLATE
DWG. SIZE
B
28A5609
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
R



LET | ALTERATION | DATE | BY
A REMOVED PBY-5 REQ. & ADDED #1 TO #52 INCL. TO PBY-5A CONT. #88476
B IN #/IN IN H.T. BLK. REPLACED "125,000 #/□" AS REC'D" WITH 120,000 TO 145,000 #/□" NO. WT. CH.
FINISH-ALL-OVER
1/16
7/8
1/16 R.
1 9/16 DIA.
1 1/4 DIA.
1/16
1 11/16 DIA.
NOTE - STOCK SIZE 1 3/4 DIA. × 1 1/8 IS SUFFICIENT QUANTITY TO MAKE (2) PCS.
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
#1 TO #52 INCL. S.O. 953-21 CONTRACT NO 88476
S.O. 949-50 CONTRACT NO 77713
PBY 5A
28A5122
MODEL
NEXT ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES
.09#
CALC. WT.
REPLACED BY
ACT. WT.
SCALE
± 1/64
12"=1'-0"
STAMP PART NUMBER WHERE SHOWN
NOTED
C.H.MOLY STEEL
AN-QQ-S-686
PART NO.
STOCK
MATERIAL
SPEC.
REQ.
-0
-2
-3
-4
-5
PARTS LIST PER ASSY.
AC
NAVY 120,000 TO 145,000 #/□"
HEAT TREAT
C-P-2 AP
FINISH
FRISK 2-7-42
BRANDT 3-30-42
GERBER
BALLAM 4-13-42
PICHL
McVICKER
ZUCK
DRAFT
CHECK
STRUCT.
MAT.
APPRD.
ENG.
OPP. HAND
NAME ADAPTER-ARMOR PLATE-GUN BARREL
CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.
DWG. SIZE B
28A5611
Note: USEFUL LOAD Not included in weight empty of Airplane.

LET	ALTERATION	DATE	BY
A	REMOVED PBY-5 REQ. & ADDED #1 TO #52 INCL. TO PBY-5A CONT. # 88476	6-15-42	Pennwalders
B	CHANGED . HEAT TREAT TO NONE	6-15-42	Pennwalders

ED.C # 88863



#1 To #52 INCL. S.O. 953-21 CONT. No. 88476
S.O. 948-50 CONT. No. 77718

ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.
	PBY 5A	28A5614-3	2
	PBY 5A	28A5614-0	2

REQUIREMENTS PER AIRPLANE

REPLACES — .044# CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.
	.083 x 7/8 x 2 5/8	C.R. MOLLY ST.	AN-QQ-S-685a

PARTS LIST PER ASSY.

	-0	-2	-3	-4	-5
	LH / RH REQ.	LH / RH REQ.	LH / RH REQ.	LH / RH REQ.	LH / RH REQ.

AC

NAVY NONE

HEAT TREAT

NONE

FINISH

DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.
Bowers 3-20-42	Billing 3-4-42	[signature]	RR	[signature]	[signature]

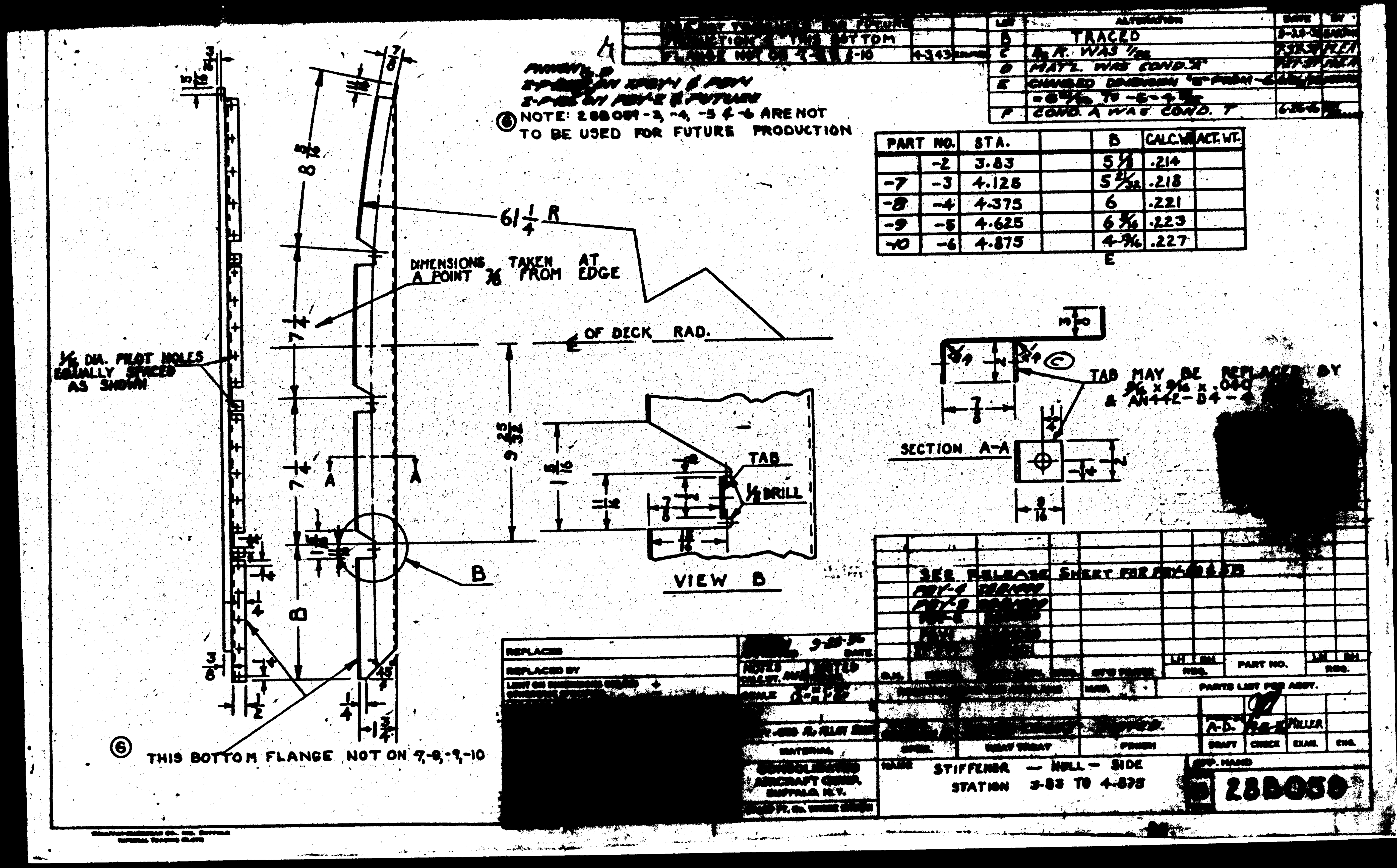
OPP. HAND

NAME FILLER - 30 CAL. GUN ARMOR PLATE - STRAP

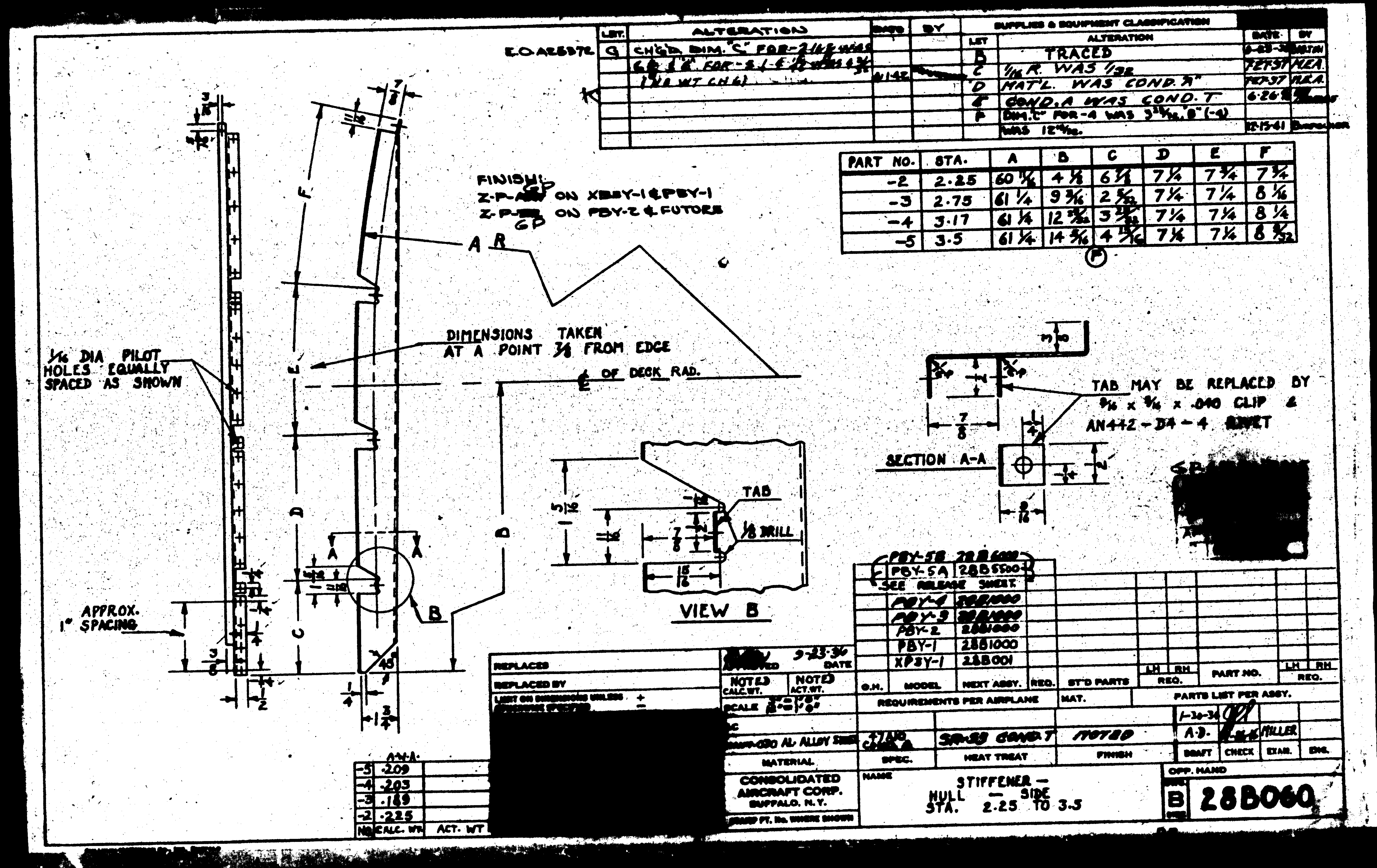
DWG. SIZE B 28A5613

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

R



TRACED
NOTE: 28B059-3, -4, -5 & -6 ARE NOT TO BE USED FOR FUTURE PRODUCTION
PART NO. | STA. | B | CALC.WT. | ACT.WT.
-2 | 3.83 | 5 1/8 | .214
-7 | -3 | 4.125 | 5 21/32 | .218
-8 | -4 | 4.375 | 6 | .221
-9 | -5 | 4.625 | 6 5/16 | .223
-10 | -6 | 4.875 | 4 15/16 | .227
61 1/4 R
DIMENSIONS TAKEN AT A POINT 3/16 FROM EDGE
℄ OF DECK RAD.
1/16 DIA. PILOT HOLES EQUALLY SPACED AS SHOWN
TAB MAY BE REPLACED BY 9/16 x 9/16 x .040 & AN442-D4-4
SECTION A-A
TAB
1/8 DRILL
VIEW B
B
THIS BOTTOM FLANGE NOT ON 7,-8,-9,-10
REPLACES
REPLACED BY
[redacted]
STIFFENER — HULL — SIDE
STATION 3-83 TO 4-875
28B059

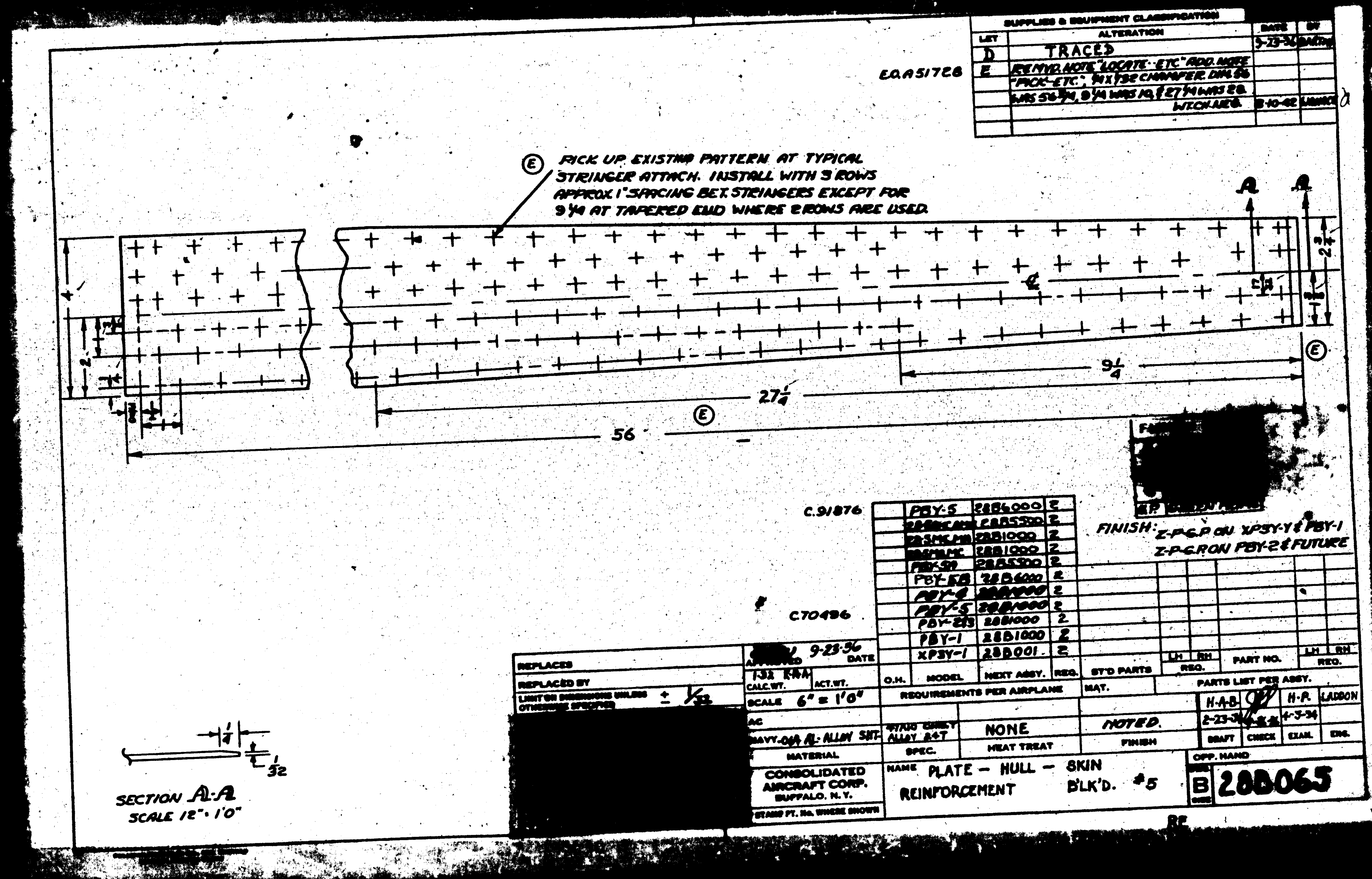


LET.	ALTERATION	DATE	BY
B	TRACED	9-23-36	
C	1/16 R. WAS 1/32	FEB-37	M.E.A.
D	MAT'L. WAS COND. "A"	FEB-37	M.E.A.
E	COND. A WAS COND. T	6-26	
F	DIM. "C" FOR -4 WAS 3 31/32, "B" (-4) WAS 12 25/32.	12-15-41	
G	CHG'D DIM. "C" FOR -2 1/16 WAS 6 1/8; FOR -3 1-5 ... WAS 4 3/16 (E.O. A28372)		

PART NO.	STA.	A	B	C	D	E	F
-2	2.25	60 11/16	4 1/8	6 1/8	7 1/4	7 3/4	7 3/4
-3	2.75	61 1/4	9 3/16	2 5/32	7 1/4	7 1/4	8 1/16
-4	3.17	61 1/4	12 25/32	3 [illegible]	7 1/4	7 1/4	8 1/4
-5	3.5	61 1/4	14 5/16	4 15/16	7 1/4	7 1/4	8 3/32

MODEL	NEXT ASSY.
PBY-5B	28B6000
PBY-5A	28B5500
PBY-4	28B1000
PBY-3	28B1000
PBY-2	28B1000
PBY-1	28B1000
XP3Y-1	28B001

NO.	CALC. WT.	ACT. WT
-5	.209	
-4	.203	
-3	.189	
-2	.225	


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
D | TRACED | 9-23-36
E | REMVD. NOTE "LOCATE - ETC" ADD. NOTE "PICK-ETC", 1/4 X 1/32 CHAMFER. DIM. 56 WAS 56 3/4, 9 1/4 WAS 10, & 27 1/4 WAS 28. | 3-10-42
E.O.A51728
PICK UP EXISTING PATTERN AT TYPICAL STRINGER ATTACH. INSTALL WITH 3 ROWS APPROX. 1" SPACING BET. STRINGERS EXCEPT FOR 9 1/4 AT TAPERED END WHERE 2 ROWS ARE USED.
A A
4
2
2 1/2
9 1/4
27 1/4
56
E
C.91876
C70496
PBY-5 | 28B6000 | 2
28B5500 | 2
28B1000 | 2
28B1000 | 2
28B5500 | 2
PBY-5B | 28B6000 | 2
PBY-4 | 28B1000 | 2
PBY-5 | 28B1000 | 2
PBY-2,3 | 28B1000 | 2
PBY-1 | 28B1000 | 2
XP3Y-1 | 28B001 | 2
FINISH: Z-P-G.P. ON XP3Y-1 & PBY-1
Z-P-G.R. ON PBY-2 & FUTURE
[redacted]
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
APPROVED 9-23-36 DATE
1.32 CALC. WT.
ACT. WT.
SCALE 6" = 1'0"
O.H. | MODEL | NEXT ASSY. | REQ. | STD PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NAVY-ALUM. AL. ALLOY SHT. ALLOY 24T
MATERIAL | SPEC.
NONE | HEAT TREAT
NOTED | FINISH
H.A.B. | H.P. | LADDON
2-23-36 | 4-3-36
DRAFT | CHECK | EXAM. | ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME PLATE - HULL - SKIN REINFORCEMENT BLK'D. #5
B 28B065
1/4
1/32
SECTION A-A
SCALE 12" = 1'0"

-0	28-5MME, MMN, [illegible]	28B5680	2m
-0	28-5MA, MC, MN	28B5680	2m
-0	28-5ME #12 & ON	28B5680	2
-0	PBY-5 #25 & ON, 5A, 5B	28B5680	2m
-0	28-5MME, MMN, [illegible]	28B5660	2m
-0	28-5MA, MC, MN	28B5660	2m
-0	28-5ME #12 & ON	28B5660	2
-0	PBY-5 #25 & ON, 5A, 5B	28B5660	2m
-2	28-5MME, MMN, [illegible]	28B5620	16m
-2	28-5MN, MA, MC	28B5620	16m
-2	28-5ME #12 & ON	28B5620	16
-2	PBY-5 #25 & ON, 5A, 5B	28B5620	16m
-2	28-5MME, MMN, [illegible]	28B5575	20m
-2	28-5MA, MC, MN	28B5575	20m
-2	28-5ME #12 & ON	28B5575	20
-2	PBY-5 #25 & ON, 5A, 5B	28B5575	20m
-2	28-5MME, MMN, [illegible]	28B5550	22m
-2	28-5MA, MC, MN	28B5550	22m
-2	28-5ME #12 & ON	28B5550	22
-2	[illegible]	28B5550	22m
-2	[illegible]	28B5525	22m
-2	[illegible]	28B5525	22
-2	[illegible]	28B5525	22m
-0	28-5'S EXCEPT ...	28B4121	2m
-0	PBY-5, 5A & 5B	28B4121	2m
-0	28-5'S EXCEPT ...	28B4120	2m
-0	PBY-5, 5A & 5B	28B4120	2m
-0	28-5ME # 1-11 INCL.	28B1575	2
-0	PBY-5 # 1-24 INCL.	28B1575	2
-0	28-5ME #1-11 INCL.	28B1550	2
-0	PBY-5 #1-24 INCL.	28B1550	2
-0	28-5ME # 1-11 INCL.	28B1525	2
-0	PBY-5 # 1-24 INCL.	28B1525	2
-0	28-5ME, MA, MC, MN	28B1200	3m
-0	PBY-5	28B1200	3
-0	28-5'S, [illegible]	28B1066	2m
-0	PBY-5, 5A, 5B	28B1066	2m
-0	28-5'S, C...	28B1033	2m
-0	PBY-5, 5A, 5B	28B1033	2m
-0	28-5ME #1-11 INCL.	28B680	2
-0	PBY-5 # 1-24 INCL.	28B680	2
-0	28-5ME # 1-11 INCL.	28B660	2
-0	PBY-5 # 1-24 INCL.	28B660	2
-0	28-5ME # 1-11 INCL.	28B640	2
-0	PBY-5 # 1-24 INCL.	28B640	2
-0	28-5ME # 1-11 INCL.	28B620	2
-0	PBY-5 # 1-24 INCL.	28B620	2
O.H.	MODEL	NEXT ASSY.	REQ.

SUPPLIES & EQUIPMENT CLASSIFICATION

EDC-20077

LET	ALTERATION	DATE	BY
C	TRACED	9-24-36	
D	ADDED 90° FOR -0, 96½° FOR -2 REQ. PER AIRPLANE UP TO DATE.	10-21-41	

DRILL 3/16 3 HOLES

7/16

7/16

5/16 5/16

25°

1½

(D)

90° FOR -0
96½° FOR -2

3/4 x 3/4 x 3/32 PLAIN ANGLE — ALCOA DIE K-78C

FINISH: D
Z-P-[illegible] ON XPBY-1 & PBY-1
Z-P-[illegible] ON PBY-2 & FUTURE
GP

PBY-1-3	28B1022
"	" 680
"	" 660
"	" 1640
"	" 1620
"	" 1575
"	" 1550
"	" 1525
"	" 1066
"	" 1033
XPBY-1	28B680
"	" 660
"	" 640
"	" 620
"	" 575
"	" 550
"	" 525
"	" 475
"	" 450
"	" 425
"	" 366
"	" 333
"	" 250
"	" 166
"	" 133
"	" 100
"	" 066
"	" 033

GP [redacted]

MODEL	NEXT ASSY.
PBY-2-4	28B1022
PBY-2-4	28B680
PBY-2-4	28B660
PBY-2-4	28B1640
PBY-2-4	28B1620
PBY-2-4	28B1575
PBY-2-4	28B1550
PBY-2-4	28B1525
PBY-2-4	28B1066
PBY-2-4	28B1033

O.H. | MODEL | NEXT ASSY. | REQ. — REQUIREMENTS PER AIRPLANE

PART NO. | LH | RH | REQ. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

[redacted]

APPROVED 9-24-36 DATE

.018 KRA CALC.WT. | ACT.WT.

SCALE FULL SIZE

NAVY EXTRUDED AL-ALLOY | 46AB COND. T | NONE | NOTED

MATERIAL | SPEC. | HEAT TREAT | FINISH

MAT.

B-01		MILLER	
2-1-36		2-28-36	
DRAFT	CHECK	EXAM.	ENG.

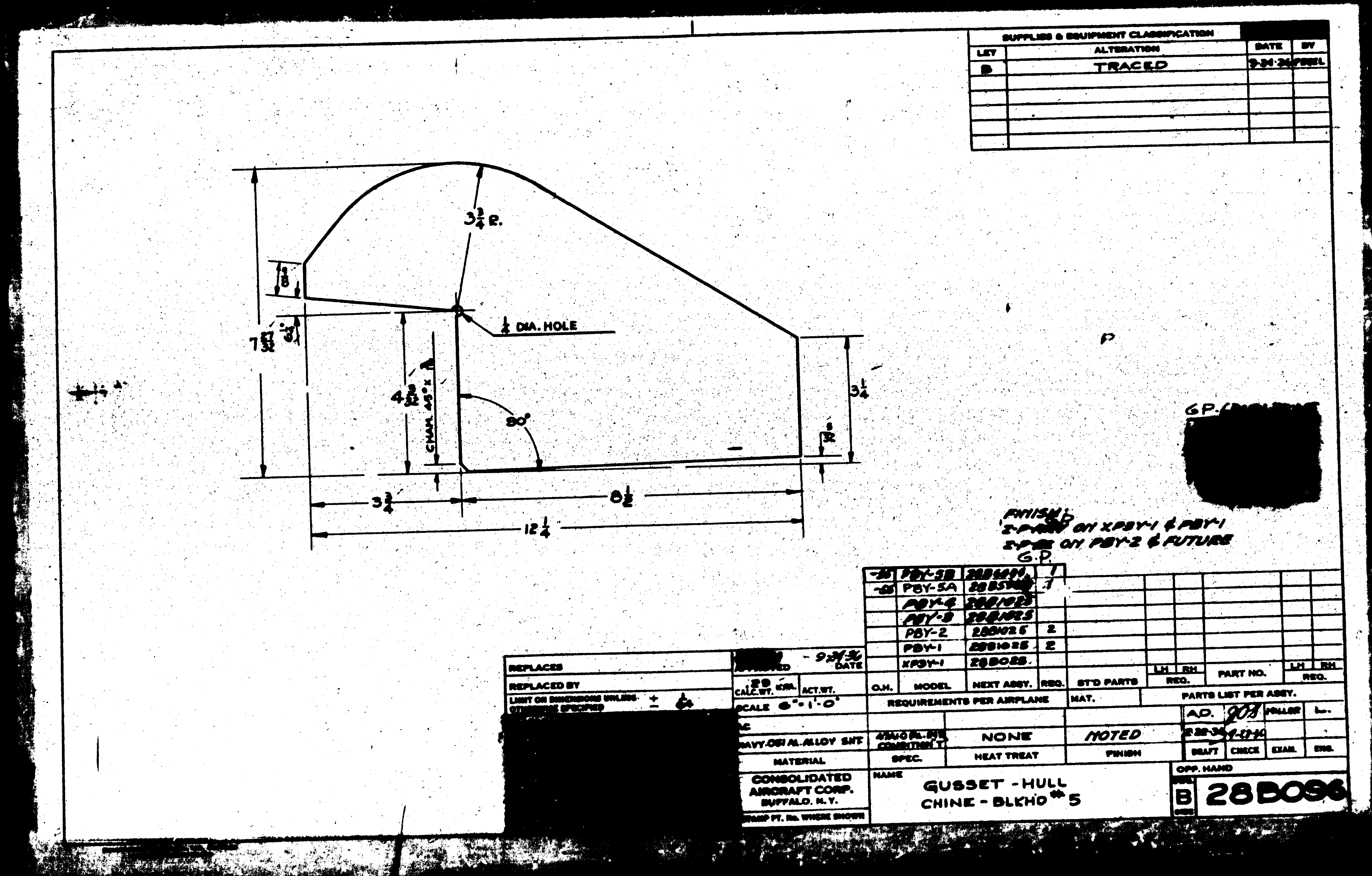
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

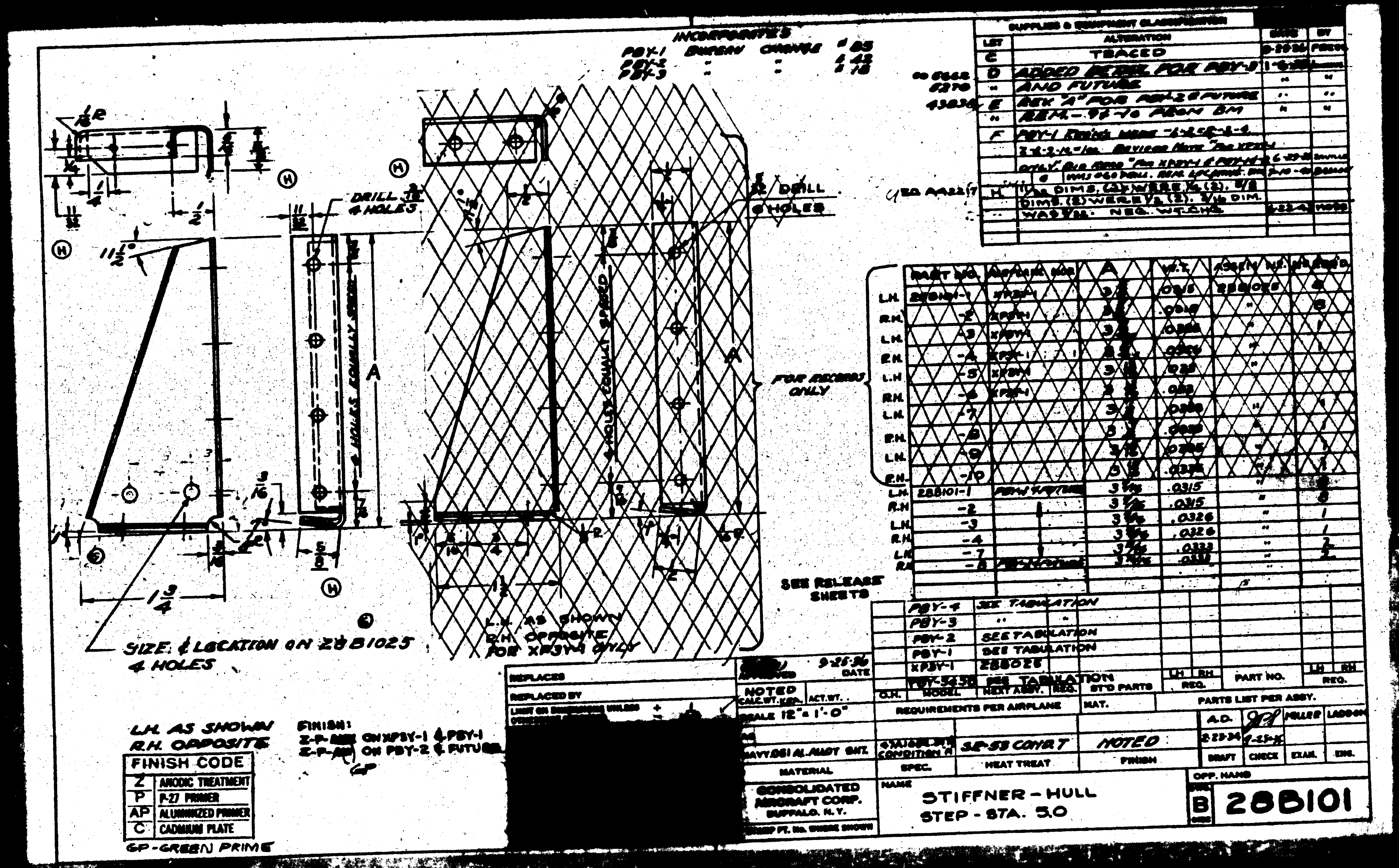
NAME: CLIP — HULL — CHINE TO FRAMES

OPP. HAND

B 28B070



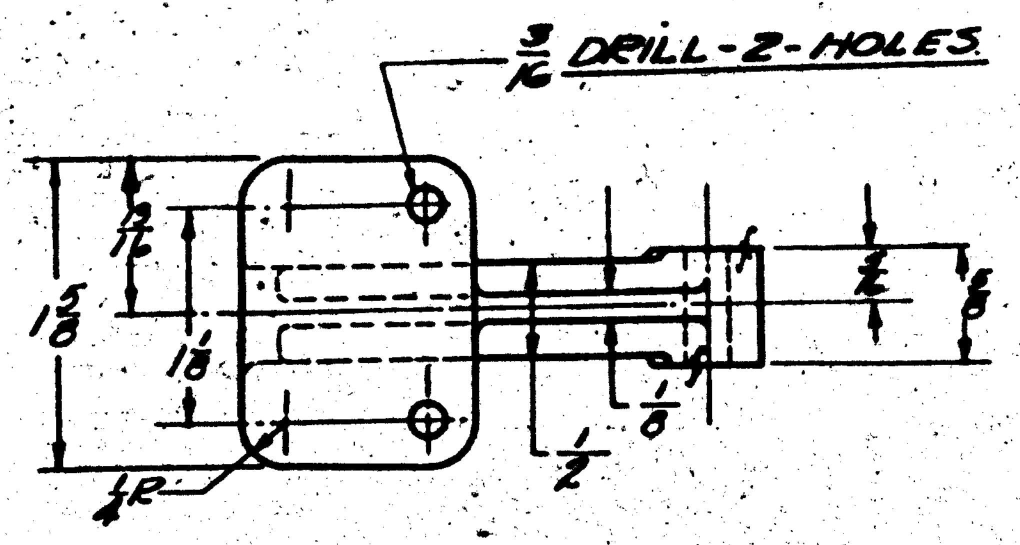
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
3 3/4 R.
1/4 DIA. HOLE
7 27/32
4 3/32
CHAM. 45°
90°
3 1/4
3 3/4
8 1/2
12 1/4
FINISH:
ON XPBY-1 & PBY-1
ON PBY-2 & FUTURE
G.P.
PBY-5A
PBY-2
PBY-1
XPBY-1
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
PART NO.
LH
RH
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
CALC. WT.
ACT. WT.
SCALE 6" = 1'-0"
NAVY ALUM. ALLOY SHT.
NONE
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
NAME
GUSSET - HULL
CHINE - BLKHD #5
B
28B096



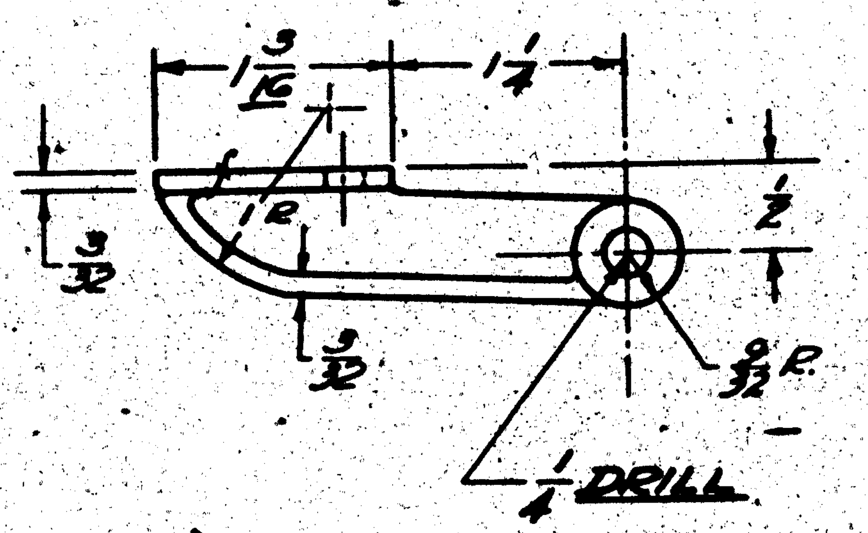
INCORPORATES
PBY-1 BUREAU CHANGE #85
PBY-2 " " #42
PBY-3 " " #18
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C TRACED 9-25-36
D ADDED DETAIL FOR PBY-3 AND FUTURE
E REV "A" FOR PBY-2 & FUTURE
REM.-97-10 FROM BM
F PBY-1 FINISH WERE
H DIMS. WERE
WAS NEG. WT. CHG.
DRILL 4 HOLES
DRILL 6 HOLES
4 HOLES EQUALLY SPACED
A
FOR RECORDS ONLY
PART NO. | AIRPLANE NO. | A | WT. | ASSEM. NO. | NO. REQ'D.
L.H. 28B101-1 | PBY-4 & FUTURE | 3 | .0315 | | 6
R.H. -2 | | 3 | .0315 | " | 1
L.H. -3 | | 3 | .0326 | " | 1
R.H. -4 | | 3 | .0326 | " | 2
L.H. -7 | | 3 | .0333 | " | 2
R.H. -8 | PBY-4 & FUTURE | 3 | .0333 | |
SEE RELEASE SHEETS
PBY-4 SEE TABULATION
PBY-3 " "
PBY-2 SEE TABULATION
PBY-1 SEE TABULATION
XPBY-1 28B025
PBY-5 & 5A SEE TABULATION
L.H. AS SHOWN R.H. OPPOSITE FOR XP3Y-1 ONLY
SIZE & LOCATION ON 28B1025 4 HOLES
L.H. AS SHOWN R.H. OPPOSITE
FINISH:
Z-P-AP ON XP3Y-1 & PBY-1
Z-P-AP ON PBY-2 & FUTURE
GP
FINISH CODE
Z ANODIC TREATMENT
P P-27 PRIMER
AP ALUMINIZED PRIMER
C CADMIUM PLATE
GP-GREEN PRIME
[redacted]
REPLACES
REPLACED BY
APPROVED 9-25-36 DATE
NOTED
CALC. WT. | ACT. WT.
SCALE 12" = 1'-0"
NAVY DEI AL ALLOY SHT. | CONDITION A | SE-53 CONR T | NOTED
MATERIAL | SPEC. | HEAT TREAT | FINISH
REQUIREMENTS PER AIRPLANE
MODEL | NEXT ASSY. | REQ. | STD PARTS | PART NO. | REQ.
PARTS LIST PER ASSY.
A.D. | 9-25-36 | MILLER | LADDON
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
STIFFNER - HULL
STEP - STA. 5.0
B 28B101

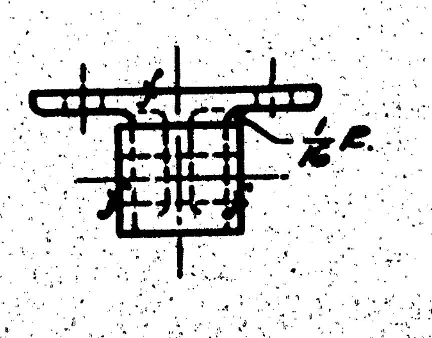
LET	ALTERATION	DATE	BY
B	TRACED	2-4-36	[illegible]
C	REMOVED FROM B/M "COMM. ALCOA 220T4 AL ALLOY CAST.," "SPEC. "M-106," HEAT TREAT "42,000 #/□" & REPLACED BY "NOTED" ADDED MATERIAL NOTE		
	NO WT. CHG.	9-27-43	[illegible]

SUPPLIES & EQUIPMENT CLASSIFICATION [redacted]



NOTE:
1- MATERIAL MAY BE:
(A) AL. ALLOY CASTING, 220T4, SPEC. AN-QQ-A-392, T.S. 42,000 P.S.I., OR
(B) AL. ALLOY CASTING, 195T6, SPEC. AN-QQ-A-390, CL. II, T.S. 32,000 P.S.I.





[redacted]

"f" = FILE FINISH IF NECESSARY

FINISH:
Z-3 GP ON XPBY-1 & PBY-1
Z-3 GP ON PBY-2 & FUTURES

O.H.	MODEL	NEXT ASSY	REQ
	PB2Y-3	28B1251-2	6
	PB2Y-2	28B1250-6	2
	28-5AMC ANN	28B2019	2 EA
	28-5AMC ANN	28B2018	2 EA
	28-5AMC ANN	28B2016	2 EA
	28-5MA MC MC MN	28B2019	2 EA
	28-5MA MC MC MN	28B2018	2 EA
	28-5MA MC MC MN	28B2016	2 EA
	PBY-5	28B2019	2
	PBY-5	28B2018	2
	PBY-5	28B2016	2
	[illegible]	[illegible]	4
	[illegible]	[illegible]	4
	PBY-5A	28B2019	2EA
	PBY-5A	28B2018	2EA
	PBY-5A	28B2016	2EA

O.H.	MODEL	NEXT ASSY.	REQ.
	PB2Y-3	[illegible]	6
	[illegible]	[illegible]	[illegible]
	PB2Y-2	28B1251-0	6
	[illegible]	[illegible]	
	PBY-2	" "	
	PBY-1	28B009-1	
	PBY-1	28B009	
	XPBY-1	28B009-1	
	XPBY-1	28B009	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS [redacted]

APPROVED — DATE 2-4-36

.036 CALC. WT. — ACT. WT.

SCALE 12"=1'-0"

MATERIAL	SPEC.	HEAT TREAT	FINISH
NOTED	NOTED	NOTED	NOTED

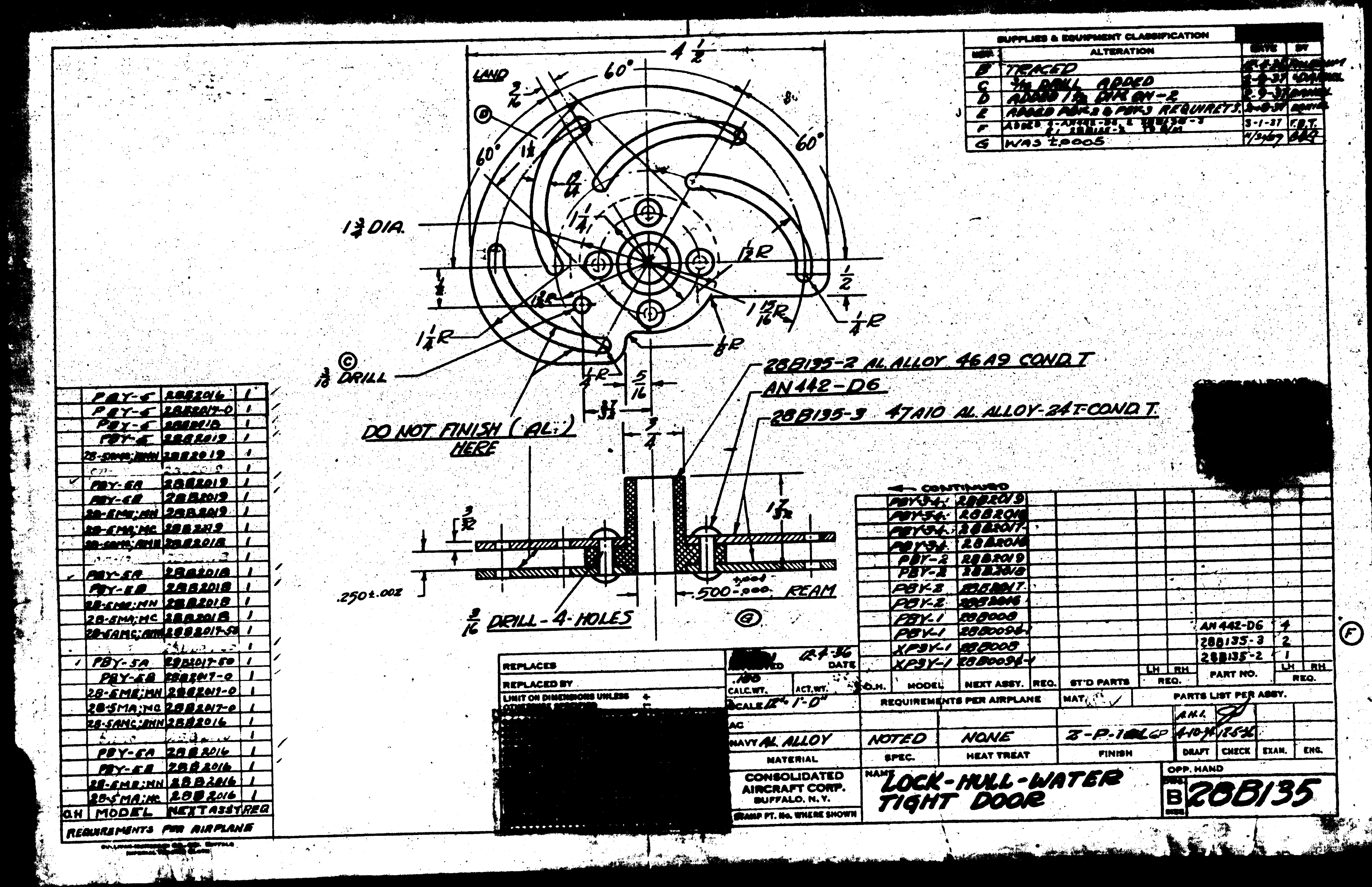
DRAFT	CHECK	ELAN.	ENG.
A.H.I.	[illegible]		
4-10-36	12-6-36		

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

NAME: HINGE-HULL WATER TIGHT DOOR

OPP. HAND

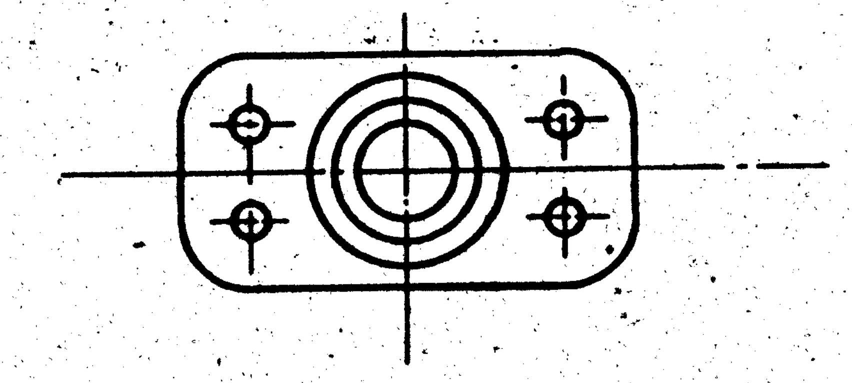
B 28B134

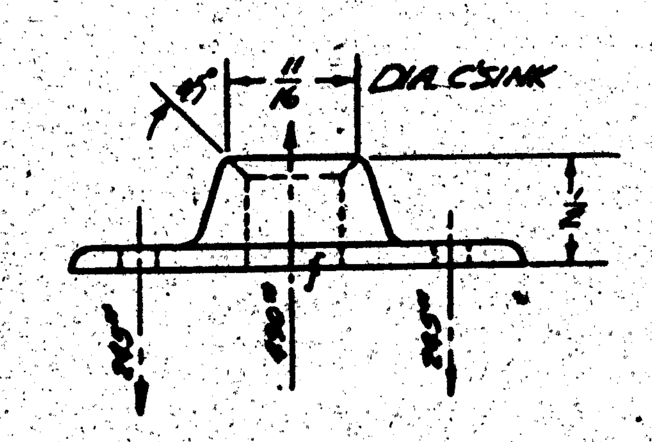


O.H.	MODEL	NEXT ASSY	REQ
	PBY-5	28B2016	1
	PBY-5	28B2017-0	1
	PBY-5	28B2018	1
	PBY-5	28B2019	1
	28-5AMC;AMN	28B2019	1
	PBY-5A	28B2019	1
	PBY-5B	28B2019	1
	28-5ME;MN	28B2019	1
	28-5MA;MC	28B2019	1
	28-5AMC;AMN	28B2018	1
	PBY-5A	28B2018	1
	PBY-5B	28B2018	1
	28-5ME;MN	28B2018	1
	28-5MA;MC	28B2018	1
	28-5AMC;AMN	28B2017-50	1
	PBY-5A	28B2017-50	1
	PBY-5B	28B2017-0	1
	28-5ME;MN	28B2017-0	1
	28-5MA;MC	28B2017-0	1
	28-5AMC;AMN	28B2016	1
	PBY-5A	28B2016	1
	PBY-5B	28B2016	1
	28-5ME;MN	28B2016	1
	28-5MA;MC	28B2016	1

MODEL	NEXT ASSY.
PBY-3A	28B2019
PBY-3A	28B2016
PBY-3A	28B2017
PBY-3A	28B2018
PBY-2	28B2019
PBY-2	28B2018
PBY-2	28B2017
PBY-2	28B2016
PBY-1	28B008
PBY-1	28B0094
XP3Y-1	28B008
XP3Y-1	28B0094-1

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
C	TRACED	12-3-36	[illegible]
D	REMOVED FROM B/M "COMM. ALCOA 220T4 AL. ALLOY CAST.," SPEC. M-186," HEAT TREAT "42,000#/□." & REPLACED BY "NOTED" ADDED NOTE #2. NO WT. CHG.	9-27-43	[illegible]





OTHERWISE SAME AS 22H130

NOTE:-

1.- f = FILE FINISH IF NECESSARY

(D) 2.- MATERIAL MAY BE:
(a) AL. ALLOY CASTING, 220T4, SPEC. AN-QQ-A-392, T.S. 42,000 P.S.I., OR,
(b) AL. ALLOY CASTING, 195T6, SPEC. AN-QQ-A-390, CL. II, T.S. 32,000 P.S.I.

[redacted]

FINISH:
Z-P-2 GP ON XPBY-1 & PBY-1
Z-P-2 GP ON PBY-2 & FUTURE

O.H.	MODEL	NEXT ASSY	REQ.
	28-5 AM: MN	28B2019	1 EA
	OA-10	28B2019	1
	PBY-5A	28B2019	1
	PBY-5B	28B2019	1
	28-5 MA: MC	28B2019	1 EA
	28-5 ME: MN	28B2019	1 EA
	PBY-5	28B2019	1
	28-5 AMC: MN	28B2018	1 EA
	OA-10	28B2018	1
	PBY-5A	28B2018	1
	PBY-5B	28B2018	1
	28-5 MA: MC	28B2018	1 EA
	28-5 ME: MN	28B2018	1 EA
	PBY-5	28B2018	1
	28-5 AMC: MN	28B2017-50	1 EA
	OA-10	28B2017-50	1
	PBY-5A	28B2017-50	1
	PBY-5B	28B2017-0	1
	28-5 MA MC ME MN	28B2017-0	1 EA
	PBY-5	28B2017-0	1
	28-5 AMC: MN	28B2016	1 EA
	OA-10	28B2016	1
	PBY-5A	28B2016	1
	PBY-5B	28B2016	1
	28-5 MA MC ME MN	28B2016	1 EA
	PBY-5	28B2016	1

REQUIREMENTS PER AIRPLANE

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-3-4	SEE B.M. SHEET							
	PBY-2	" " "							
	PBY-1	28B008							
	PBY-1	28B0096-1							
	XP3Y-1	28B008							
	XP3Y-1	28B0096-1							
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
[redacted]

[redacted] APPROVED 12-5-36 DATE
.050 CALC. WT. | ACT. WT.
SCALE 12" = 1'-0"

MATERIAL	SPEC.	HEAT TREAT	FINISH
NOTED	NOTED	NOTED	NOTED

DRAFT	CHECK	EXAM.	ENG.
A.H.C. 6-10-36	[illegible] 12-5-36		

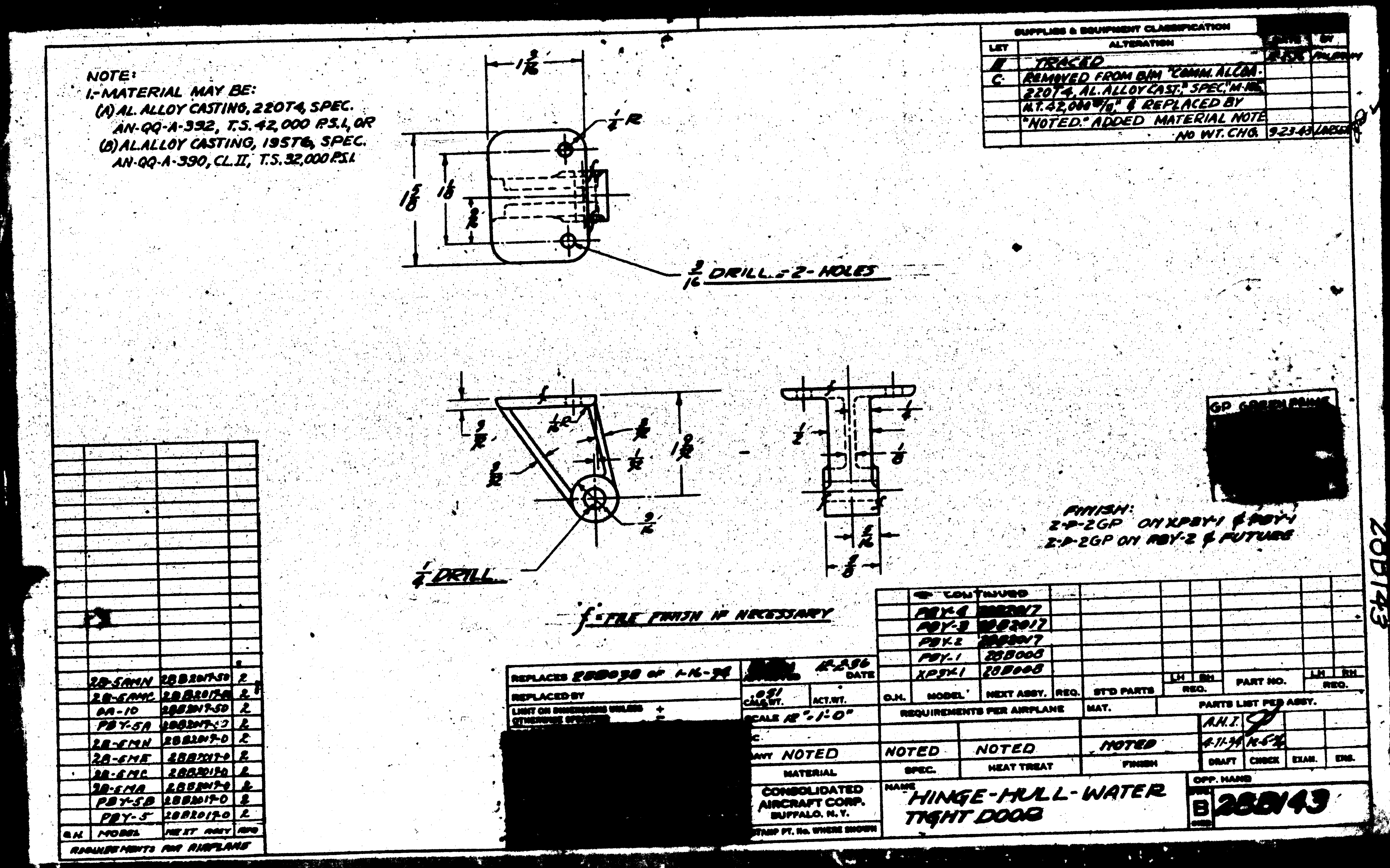
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN

NAME: BEARING - HULL - WATER TIGHT DOOR

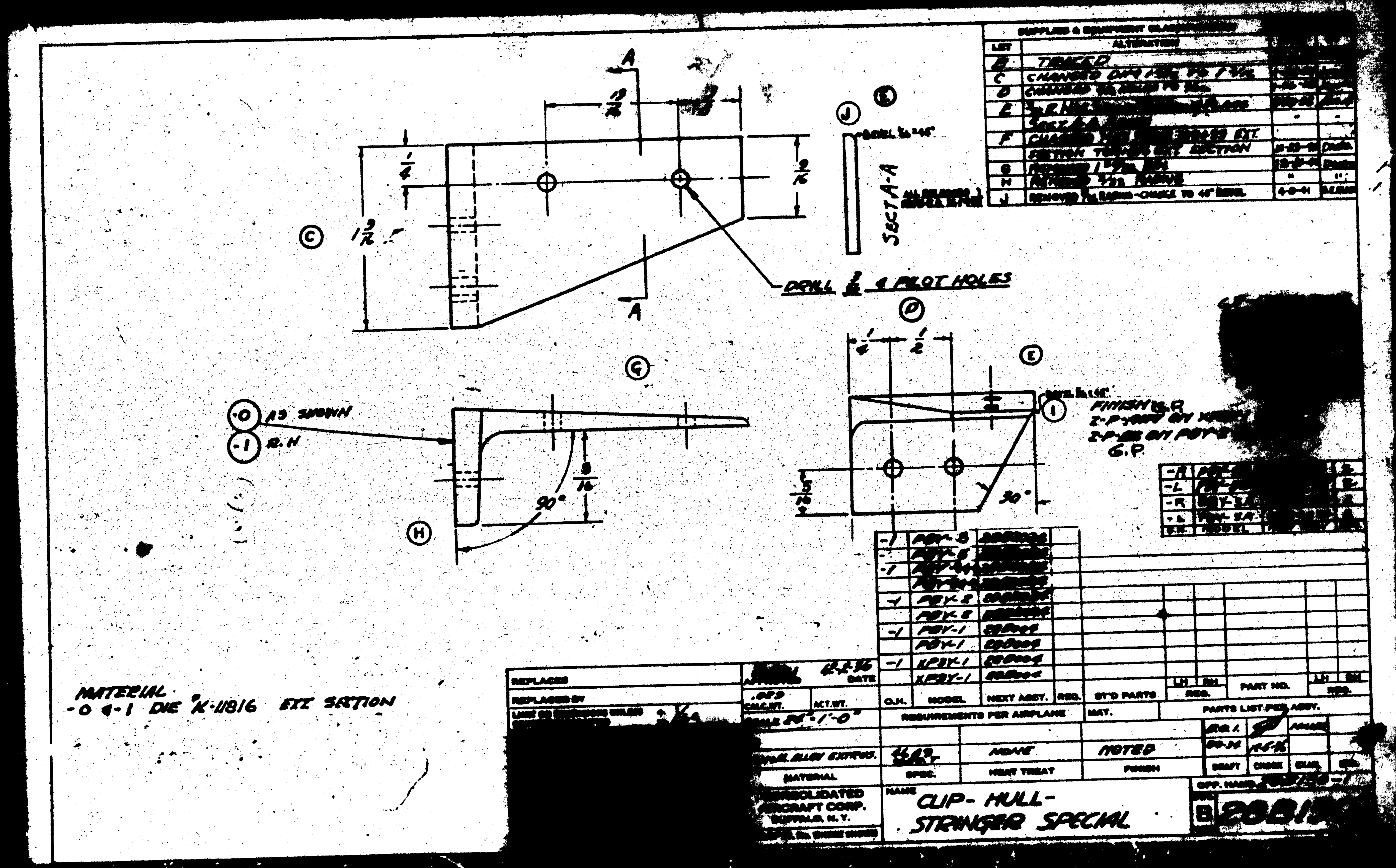
OPP. HAND

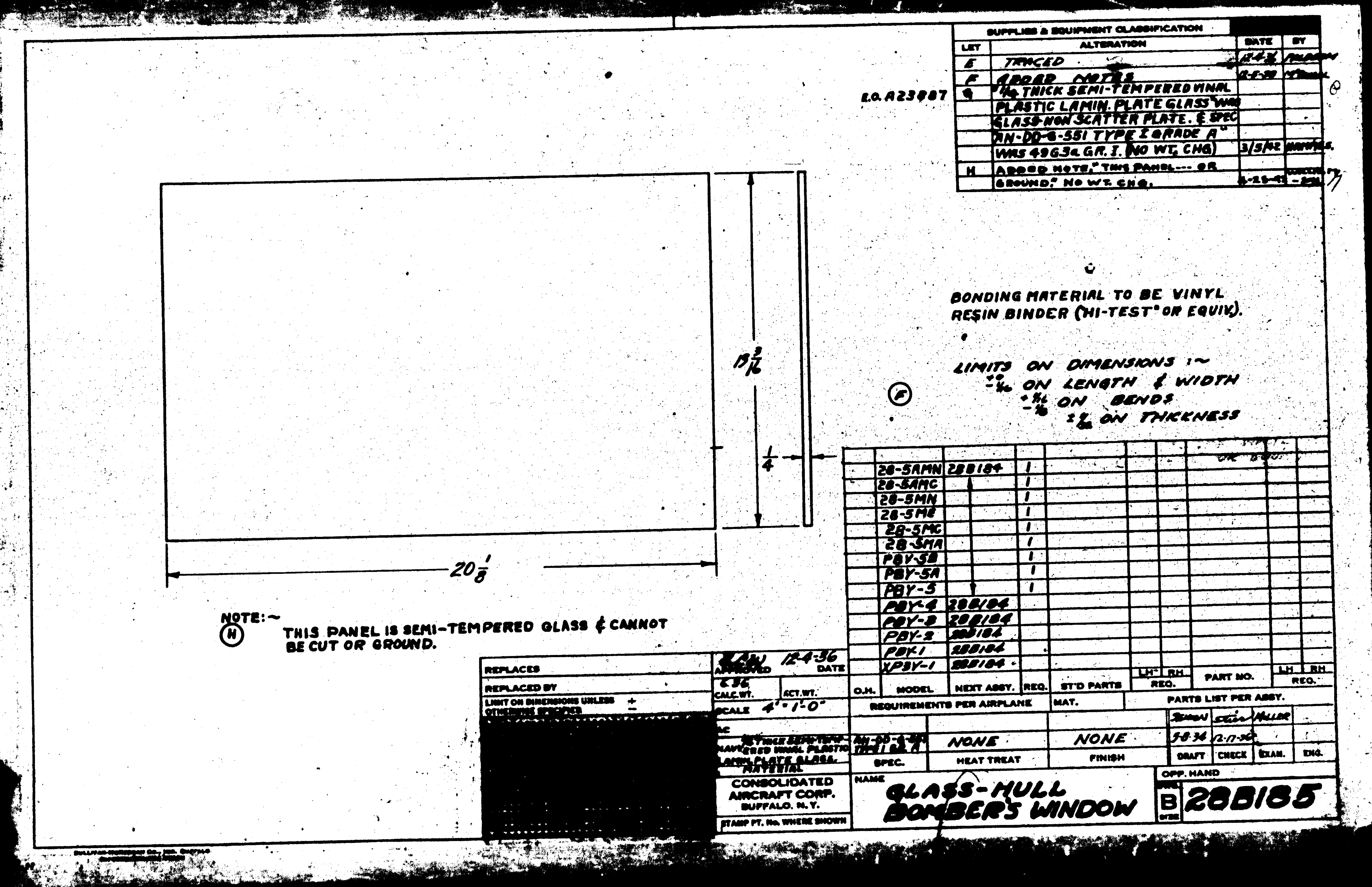
SIZE B 28B140

28B140

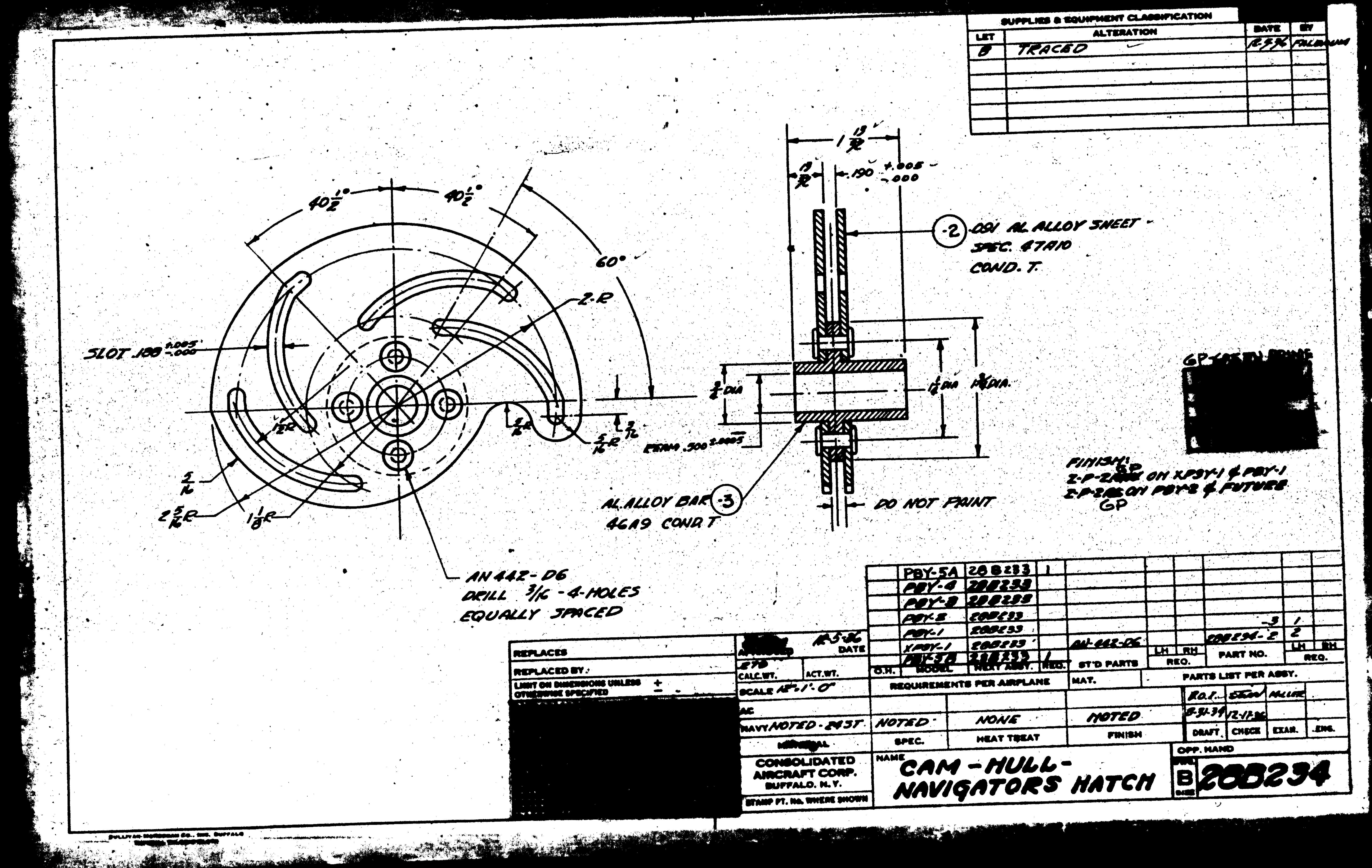


NOTE:
1.-MATERIAL MAY BE:
(A) AL. ALLOY CASTING, 220T4, SPEC. AN-QQ-A-392, T.S. 42,000 P.S.I. OR
(B) AL. ALLOY CASTING, 195T6, SPEC. AN-QQ-A-390, CL.II, T.S. 32,000 P.S.I.
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
TRACED
C
REMOVED FROM B/M "COMM. ALCOA 220T4, AL. ALLOY CAST." SPEC. M-115, N.T. 42,000 #/□" & REPLACED BY "NOTED." ADDED MATERIAL NOTE
NO WT. CHG.
9-23-43
1/4 R
3/16 DRILL - 2 - HOLES
1/4 DRILL
f = FILE FINISH IF NECESSARY
GP
[redacted]
FINISH:
Z-P-2GP ON XPBY-1 & PBY-1
Z-P-2GP ON PBY-2 & FUTURE
CONTINUED
PBY-4 28B2017
PBY-3 28B2017
PBY-2 28B2017
PBY-1 28B008
XPBY-1 28B008
28-5AMN 28B2017-50 2
28-5AMC 28B2017-50 2
OA-10 28B2017-50 2
PBY-5A 28B2017-0 2
28-5MN 28B2017-0 2
28-5ME 28B2017-0 2
28-5MC 28B2017-0 2
28-5MA 28B2017-0 2
PBY-5B 28B2017-0 2
PBY-5 28B2017-0 2
D.H. MODEL NEXT ASSY. REQ.
REQUIREMENTS FOR AIRPLANE
REPLACES 28B038 OF 1-16-34
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
[redacted]
APPROVED 12-2-36 DATE
.051 CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
NOTED
MATERIAL
NOTED
SPEC.
NOTED
HEAT TREAT
NOTED
FINISH
STD PARTS
MAT.
LH RH REQ.
PART NO.
PARTS LIST PER ASSY.
A.H.I.
DRAFT CHECK EXAM. ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME HINGE-HULL-WATER TIGHT DOOR
B 28B143
28B143

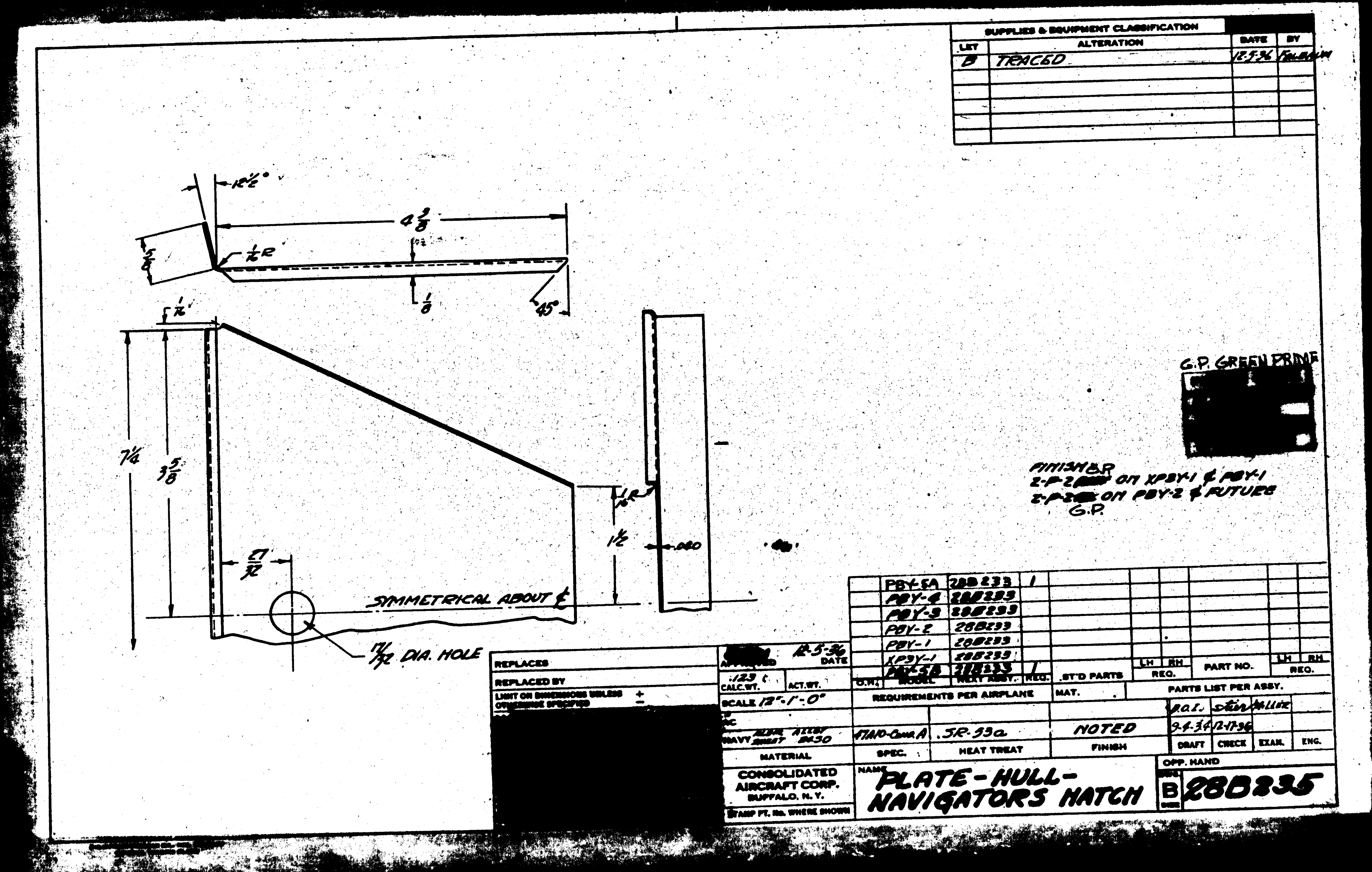

ALTERATION
B TRACED
SECT A-A
J REMOVED RADIUS - CHANGE TO 45° BEVEL
4-8-41
DRILL 3/32 4 PILOT HOLES
A
A
-0 AS SHOWN
-1 R.H
90°
30°
FINISH
6.P
MATERIAL
-0 & -1 DIE K-11816 EXT. SECTION
-1 PBY-5
-1 PBY-2
PBY-2
PBY-1
-1 PBY-1
-1 XPBY-1
XPBY-1
REPLACES
REPLACED BY
DATE
CALC. WT.
ACT. WT.
SCALE 3"=1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NONE
NOTED
HEAT TREAT
FINISH
MATERIAL
SPEC.
DRAFT
CHECK
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
NAME
CLIP- HULL-
STRINGER SPECIAL



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
E | TRACED
F | ADDED NOTES
G | THICK SEMI-TEMPERED VINAL PLASTIC LAMIN. PLATE GLASS WAS GLASS NON SCATTER PLATE. & SPEC AN-DD-G-551 TYPE I GRADE A WAS 4963a GR. I. (NO WT. CHG) | 3/5/42
H | ADDED NOTE, "THIS PANEL --- OR GROUND." NO WT. CHG.
E.O. A23887
BONDING MATERIAL TO BE VINYL RESIN BINDER (HI-TEST OR EQUIV.).
LIMITS ON DIMENSIONS :~
ON LENGTH & WIDTH
ON BENDS
ON THICKNESS
F
$13\frac{3}{16}$
$\frac{1}{4}$
$20\frac{1}{8}$
NOTE:~
H
THIS PANEL IS SEMI-TEMPERED GLASS & CANNOT BE CUT OR GROUND.
28-5AMN 28B184 1
28-5AMC 1
28-5MN 1
28-5ME 1
28-5MC 1
28-5MA 1
PBY-5B 1
PBY-5A 1
PBY-5 1
PBY-4 28B184
PBY-3 28B184
PBY-2 28B184
PBY-1 28B184
XPBY-1 28B184
D.H. | MODEL | NEXT ASSY. | REQ. | STD PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED 12-4-36 DATE
CALC. WT. ACT. WT.
SCALE 4" = 1'-0"
MATERIAL
SPEC.
NONE
HEAT TREAT
NONE
FINISH
9-8-34 12-17-36
DRAFT CHECK EXAM. ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GLASS-HULL BOMBER'S WINDOW
B 28B185

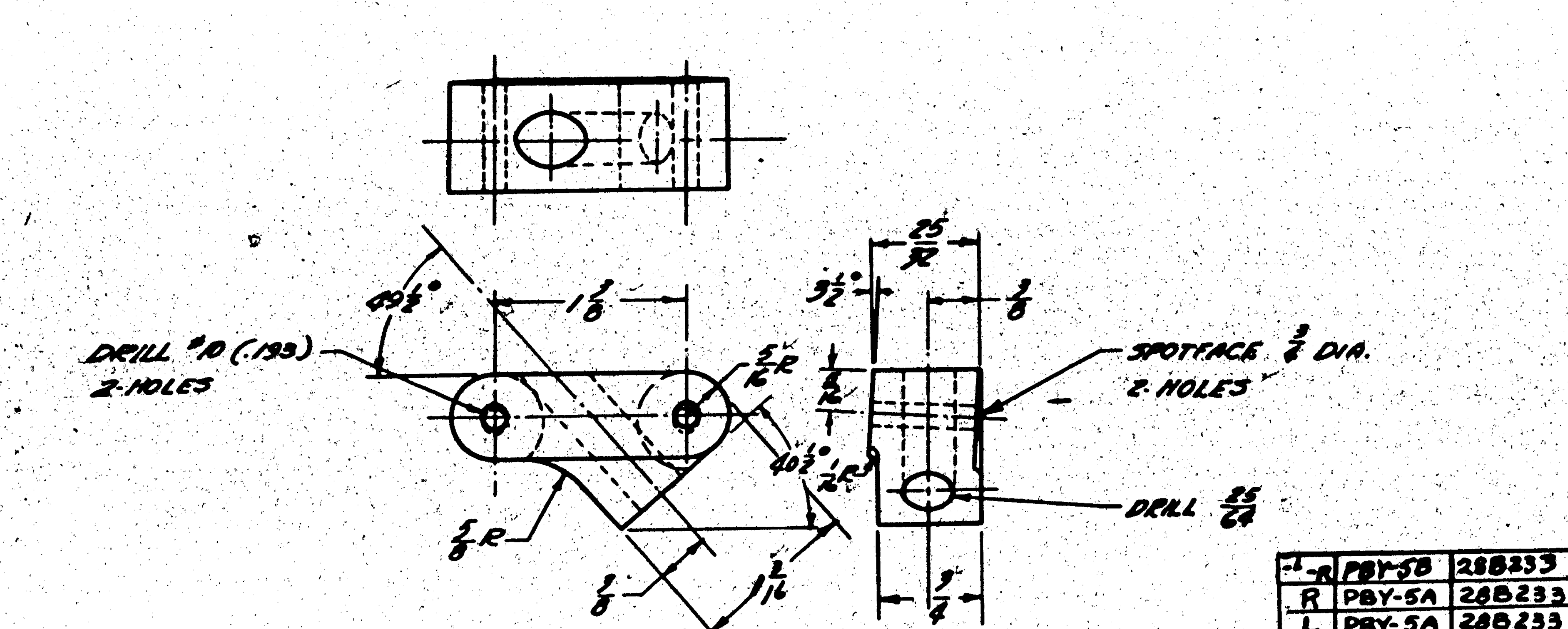


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
40½°
40½°
60°
2-R
SLOT .188 +.005 -.000
½R
5/16
2 5/16 R
1⅛ R
3/16 R
5/16 R
3/16
REAM .500 ±.0005
AN 442-D6
DRILL 3/16 - 4-HOLES
EQUALLY SPACED
1 13/32
13/32
.190 +.005 -.000
-2 .091 AL ALLOY SHEET
SPEC. 47A10
COND. T
¾ DIA
1⅛ DIA
DIA.
AL ALLOY BAR -3
46A9 COND T
DO NOT PAINT
[redacted]
FINISH:
Z-P-2 ON XPBY-1 & PBY-1
Z-P-2 ON PBY-2 & FUTURE
GP
PBY-5A 28B233 1
PBY-4 28B233
PBY-3 28B233
PBY-2 28B233
PBY-1 28B233
XPBY-1 28B233
PBY-5A 28B233 1
MODEL
NEXT ASSY.
REQ.
AN-442-D6
ST'D PARTS
LH RH
REQ.
-3 1
28B234-2 2
PART NO.
LH RH
REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±
[redacted]
DATE
CALC.WT.
ACT.WT.
SCALE
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED - 24ST
NOTED
NONE
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT.
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
CAM - HULL -
NAVIGATORS HATCH
B
28B234



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
12-5-36
12½°
4 3/8
1/16 R
1/8
45°
1/16
7¼
3 5/8
27/32
SYMMETRICAL ABOUT ℄
17/32 DIA. HOLE
1/16 R
1½
.020
G.P. GREEN PRIME
FINISH
Z-F-2 [redacted] ON XPBY-1 & PBY-1
Z-F-3 [redacted] ON PBY-2 & FUTURE
G.P.
PBY-5A
28B233
1
PBY-4
28B233
PBY-3
28B233
PBY-2
28B233
PBY-1
28B233
XP3Y-1
28B233
PBY-5B
28B233
1
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
+
−
[redacted]
APPROVED
12-5-36
DATE
.123
CALC. WT.
ACT. WT.
SCALE 12"-1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NAVY
ALUM. ALLOY SHEET
47A10-Cond. A
.SR-33a
NOTED
9-4-36
12-17-36
DRAFT
CHECK
EXAM.
ENG.
MATERIAL
SPEC.
HEAT TREAT
FINISH
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
PLATE-HULL-NAVIGATORS HATCH
B
28B235

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-5-36	[illegible]



O.H.	MODEL	NEXT ASSY.	REQ.
-1 -R	PBY-5B	28B233	1
R	PBY-5A	28B233	1
L	PBY-5A	28B233	1
-1	PBY-2-4	28B233	
	PBY-2-4	28B233	
-1	PBY-1-3	28B233	
	PBY-1-3	28B233	
-1	XPBY-1	28B233	
	XPBY-1	28B233	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

[redacted]

APPROVED [illegible] DATE 12-5-36

CALC. WT. .08 | ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY PHENOLIC MATERIAL

MATERIAL	SPEC.	HEAT TREAT	FINISH
PHENOLIC MATERIAL	17P5 F86	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
20.I.	Steer	Muller	
9-4-34	12-17-36		

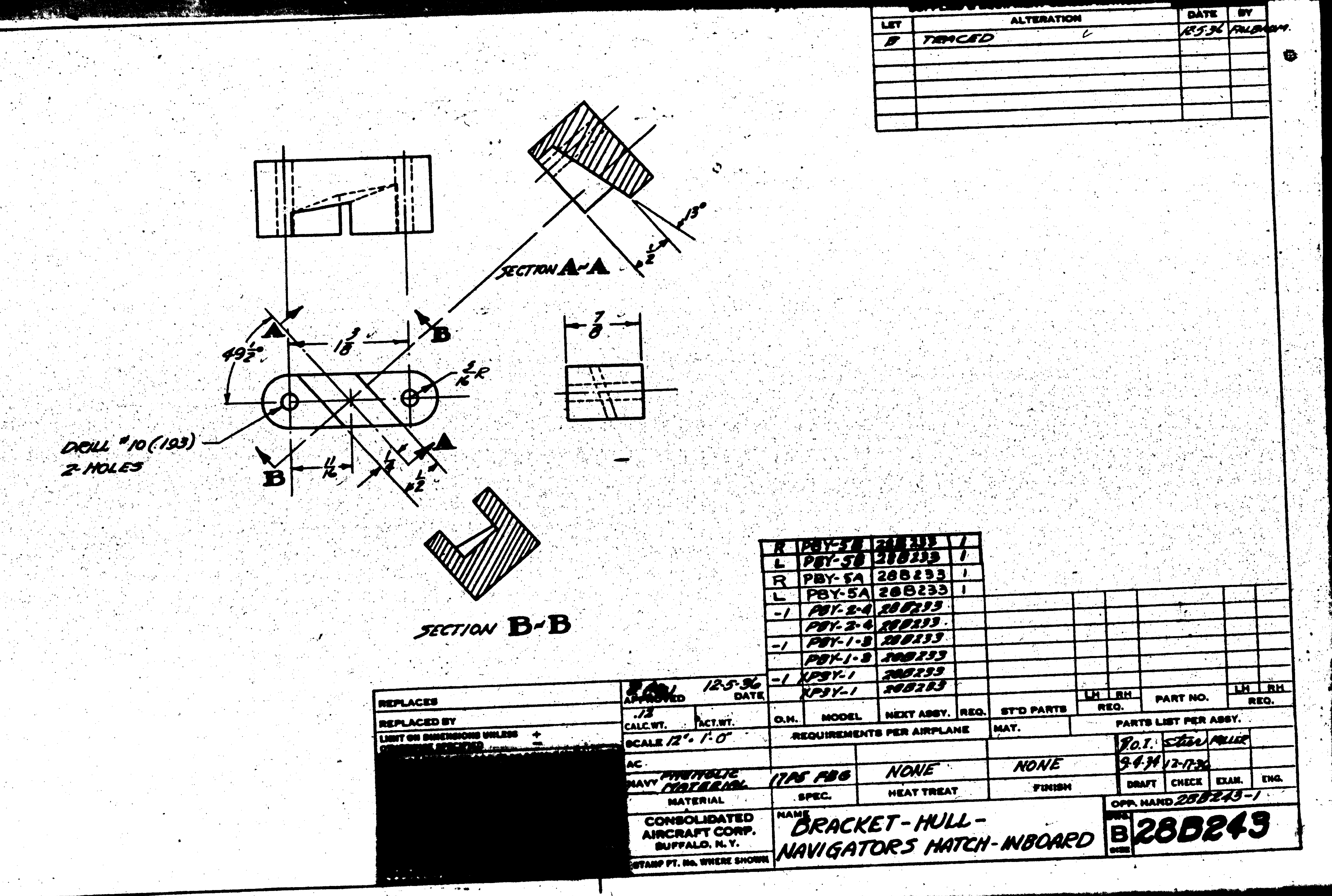
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

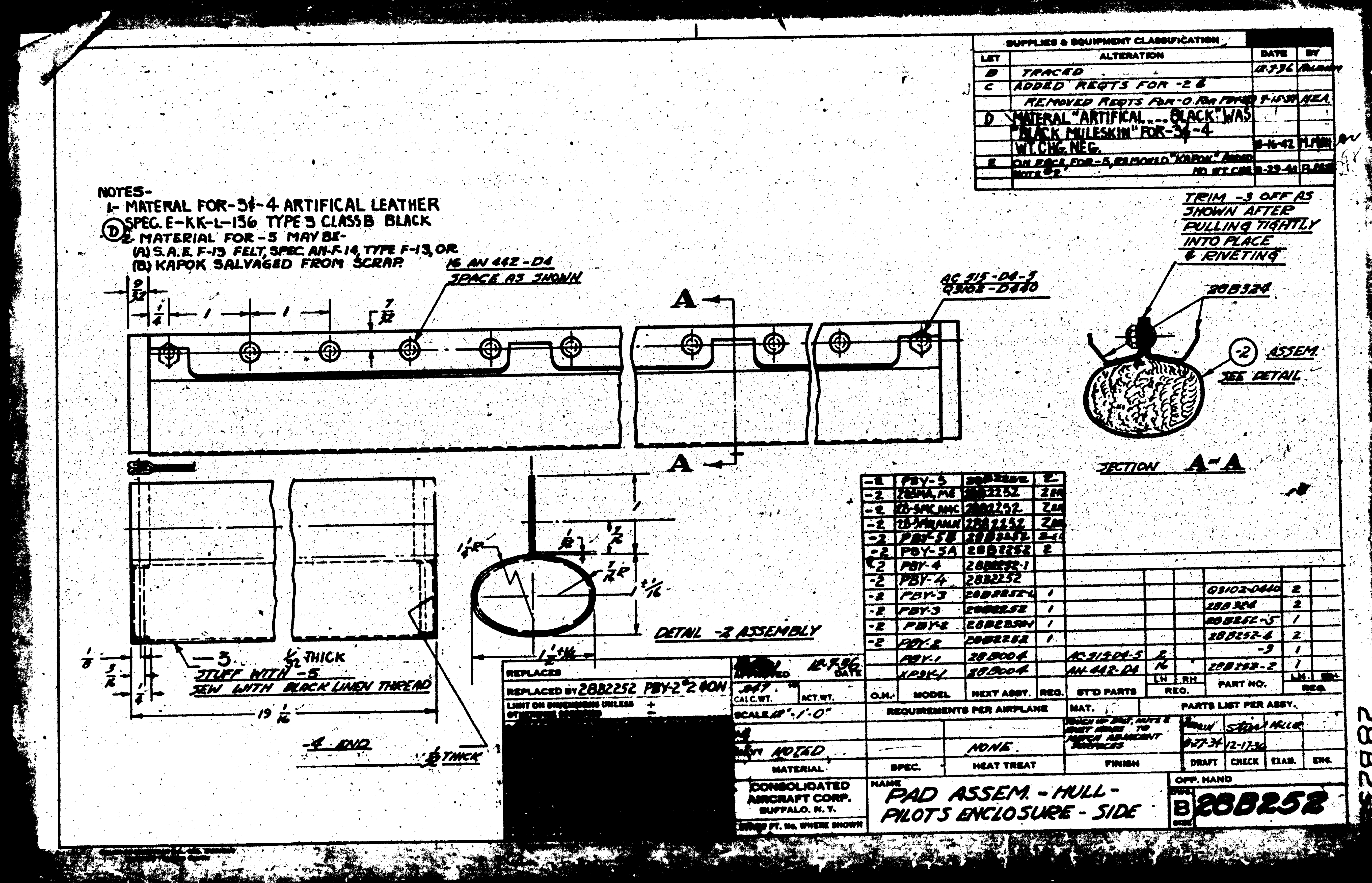
STAMP PT. No. WHERE SHOWN

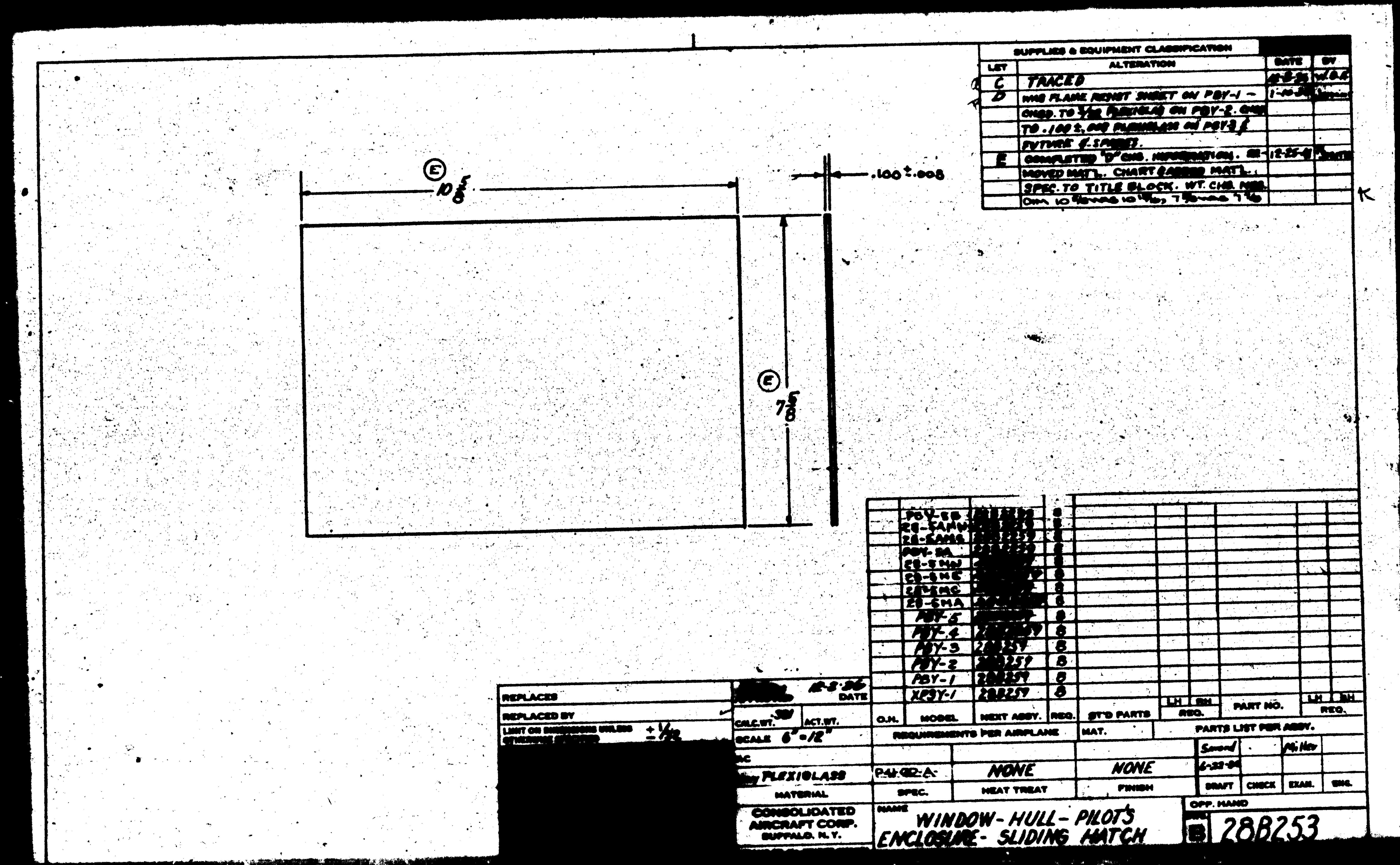
NAME BEARING-HULL-NAVIGATORS HATCH-OUTER-INBOARD

OPP. HAND 28B239-1

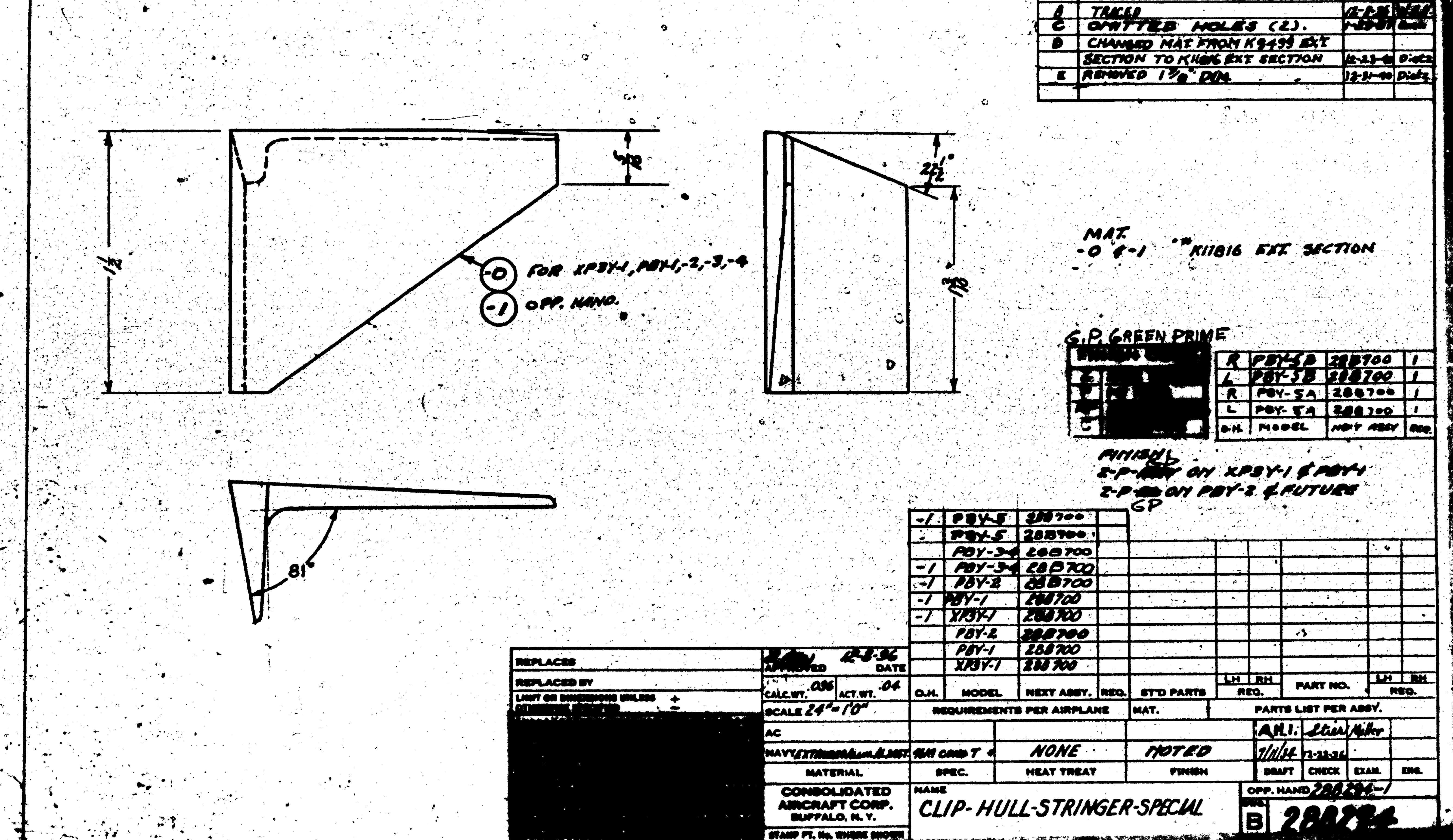
SIZE B DWG. 28B239


LET
ALTERATION
DATE
BY
B
TRACED
12-5-36
SECTION A-A
13°
1/2
A
B
49 1/2°
1 3/8
5/16 R
7/8
DRILL #10 (.193)
2-HOLES
B
11/16
1/4
A
1/2
SECTION B-B
R | PBY-5B | 28B233 | 1
L | PBY-5B | 28B233 | 1
R | PBY-5A | 28B233 | 1
L | PBY-5A | 28B233 | 1
-1 | PBY-2-4 | 28B233
PBY-2-4 | 28B233
-1 | PBY-1-3 | 28B233
PBY-1-3 | 28B233
-1 | XP3Y-1 | 28B233
XP3Y-1 | 28B233
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
[redacted]
APPROVED
12-5-36
DATE
.12
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AC.
NAVY PHENOLIC MATERIAL
17P5 FBG
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
J.O.I.
Starr
Miller
9-4-34
12-17-36
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND 28B243-1
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
BRACKET-HULL-
NAVIGATORS HATCH-INBOARD
B
SIZE
28B243

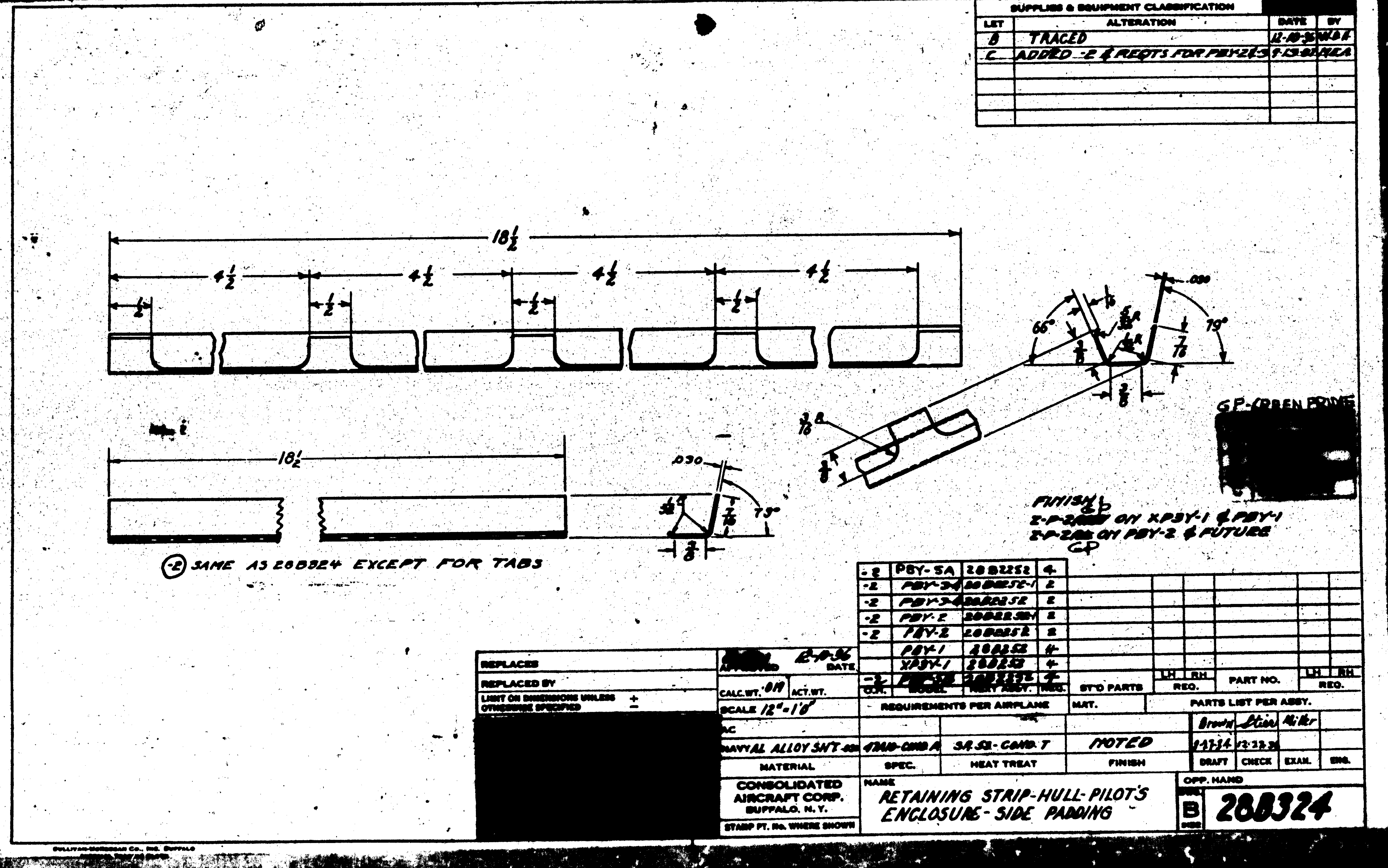

SUPPLIES & EQUIPMENT CLASSIFICATION
[redacted]
LET | ALTERATION | DATE | BY
B | TRACED | 12-7-36
C | ADDED REQTS FOR -2
REMOVED REQTS FOR -0 | MEA.
D | MATERAL "ARTIFICAL ... BLACK" WAS "BLACK MULESKIN" FOR-3&-4 WT. CHG. NEG. | M.MAN
E | ON PACE, FOR -5, REMOVED "KAPOK" ADDED NOTE #2 | NO WT. CHG.
NOTES-
1- MATERAL FOR-3&-4 ARTIFICAL LEATHER
(D) SPEC. E-KK-L-136 TYPE 3 CLASS B BLACK
2- MATERIAL FOR -5 MAY BE-
(A) S.A.E. F-13 FELT, SPEC. AN-F-14, TYPE F-13, OR
(B) KAPOK SALVAGED FROM SCRAP.
16 AN 442-D4 SPACE AS SHOWN
AC 515-D4-5
Q3102-D440
A
A
TRIM -3 OFF AS SHOWN AFTER PULLING TIGHTLY INTO PLACE & RIVETING
28B324
-2 ASSEM. SEE DETAIL
SECTION A-A
-3
1/32 THICK
STUFF WITH -5
SEW WITH BLACK LINEN THREAD
19 1/16
-4 END
1/8 THICK
DETAIL -2 ASSEMBLY
-2 | PBY-5 | 28B2252 | 2
-2 | 28-5MA, ME | 28B2252 | 2
-2 | 28-5MC, MMC | 28B2252 | 2
-2 | 28-5MA, ANN | 28B2252 | 2
-2 | PBY-5B | 28B2252 | 2
-2 | PBY-5A | 28B2252 | 2
-2 | PBY-4 | 28B2252-1
-2 | PBY-4 | 28B2252
-2 | PBY-3 | 28B2252-L | 1
-2 | PBY-3 | 28B2252 | 1
-2 | PBY-2 | 28B2252N | 1
-2 | PBY-2 | 28B2252 | 1
PBY-1 | 28B004
XP3Y-1 | 28B004
O.H. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
AC 515-D4-5 | 2
AN 442-D4 | 16
STD PARTS | REQ. LH RH
Q3102-D440 | 2
28B324 | 2
28B252-5 | 1
28B252-4 | 2
-3 | 1
28B252-2 | 1
PART NO. | REQ. LH. RH.
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY 28B2252 PBY-2 & 2 ON
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
[redacted]
APPROVED 12-7-36 DATE
CALC. WT. | ACT. WT.
SCALE 12" - 1'-0"
NOTED
MATERIAL | SPEC. | NONE | HEAT TREAT
TOUCH UP BOLT, NUTS & RIVET HEADS TO MATCH ADJACENT SURFACES
FINISH
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
PAD ASSEM. - HULL - PILOTS ENCLOSURE - SIDE
OPP. HAND
B 28B252



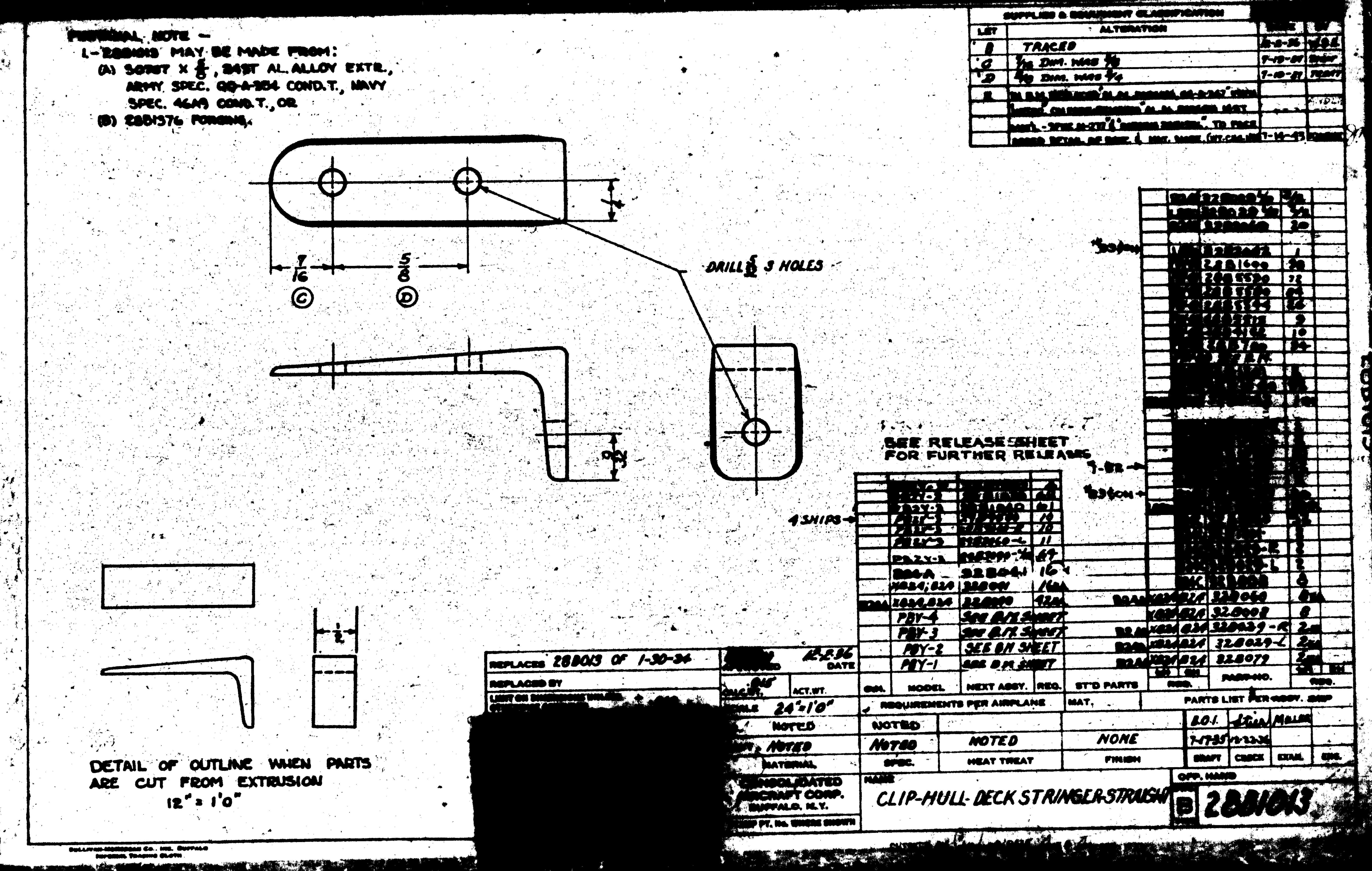
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
C TRACED
D
E
10 5/8
7 5/8
.100 ± .008
K
PBY-1
XPBY-1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
12-8-36
DATE
CALC.WT. .38
ACT.WT.
SCALE 6" = 12"
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
PART NO.
LH
RH
PLEXIGLASS
MATERIAL
P4-GC-A
SPEC.
NONE
HEAT TREAT
NONE
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
WINDOW-HULL-PILOT'S ENCLOSURE-SLIDING HATCH
B 28B253



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A TRACED
C OMITTED HOLES (2).
D CHANGED MAT. FROM K9499 EXT. SECTION TO K11816 EXT. SECTION
E REMOVED 1 1/8" DIA.
FOR XP3Y-1, PBY-1, -2, -3, -4
-0
-1
OPP. HAND.
MAT.
-0 & -1
K11816 EXT. SECTION
G.P. GREEN PRIME
R PBY-5B 288700 1
L PBY-5B 288700 1
R PBY-5A 288700 1
L PBY-5A 288700 1
O.H. MODEL NEXT ASSY REQ.
FINISH
ON XP3Y-1 & PBY-1
ON PBY-2 & FUTURE
GP
81°
D
-1 PBY-5 288700
PBY-5 288700
PBY-3-4 288700
-1 PBY-3-4 288700
-1 PBY-2 288700
-1 PBY-1 288700
-1 XP3Y-1 288700
PBY-2 288700
PBY-1 288700
XP3Y-1 288700
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH
REQ.
PART NO.
LH RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
APPROVED
12-8-36
DATE
CALC. WT. .036
ACT. WT. .04
SCALE 24" = 1'0"
AC
NAVY
NONE
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
7/11/36
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
CLIP-HULL-STRINGER-SPECIAL
OPP. HAND
B

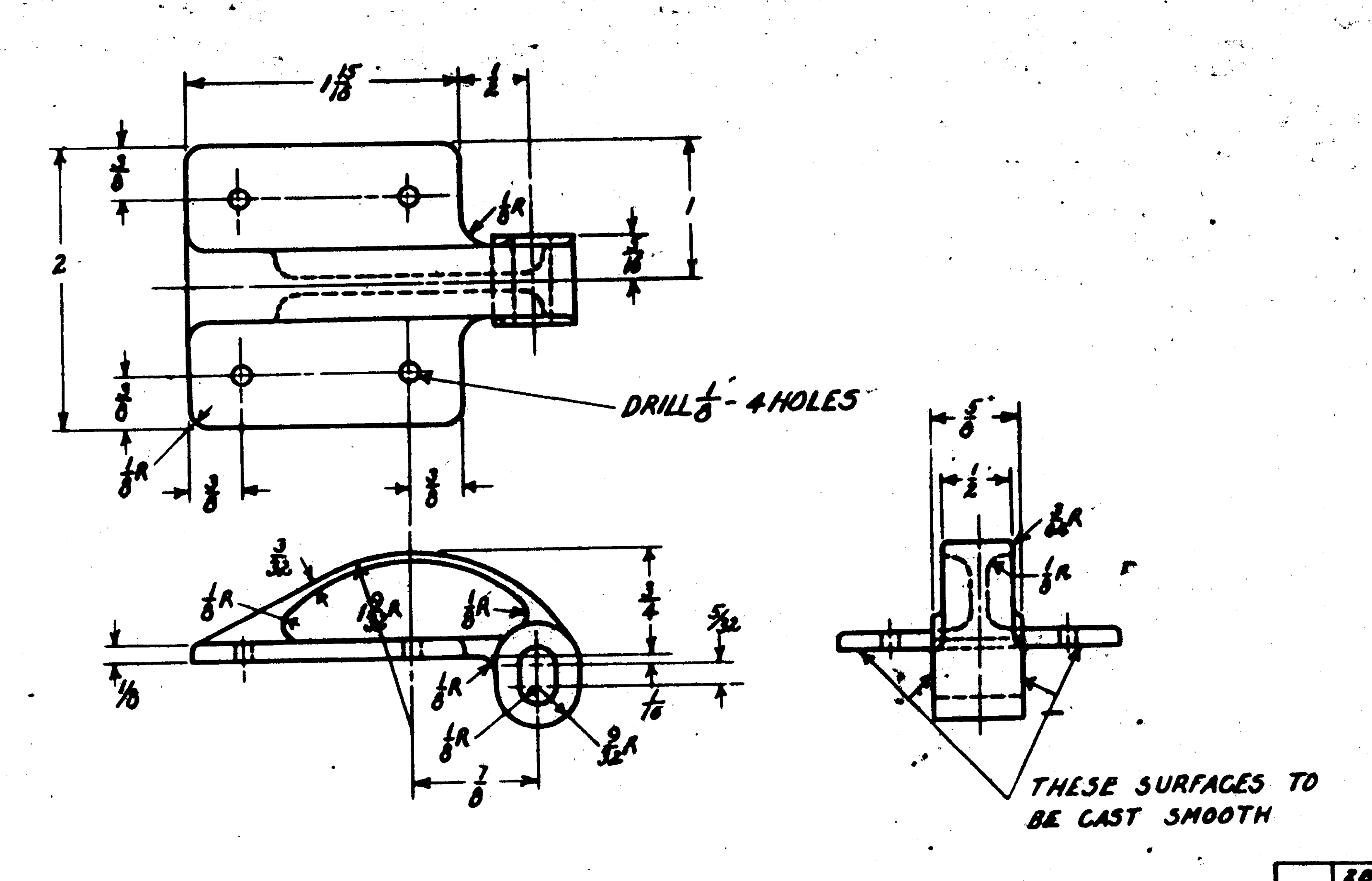


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
C
ADDED -2 & REQTS FOR PBY-2
18 1/2
4 1/2
1/2
66°
79°
.090
GP-GREEN PRIME
-2 SAME AS 28B324 EXCEPT FOR TABS
.030
75°
FINISH
Z-P-2 ON XPBY-1 & PBY-1
Z-P-2 ON PBY-2 & FUTURE
GP
PBY-5A
28B2252
PBY-2
PBY-1
XPBY-1
REQUIREMENTS PER AIRPLANE
ST'D PARTS
PART NO.
REQ.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
CALC.WT. .019
ACT.WT.
SCALE 12"=1'0"
NAVY AL ALLOY SH'T
SR.52-COND.T
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
Brown
Stier
Miller
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
RETAINING STRIP-HULL-PILOT'S ENCLOSURE-SIDE PADDING
OPP. HAND
B
28B324



NOTE —
MAY BE MADE FROM:
(A) X 5/8, 24ST AL. ALLOY EXTR.,
ARMY SPEC. COND.T., NAVY
SPEC. 46A9 COND.T., OR
(B) 28B1376 FORGING.
ALTERATION
TRACED
DRILL 5/32 3 HOLES
7/16
5/8
C
D
SEE RELEASE SHEET
FOR FURTHER RELEASES
4 SHIPS
PBY-4
SEE B/M SHEET
PBY-3
PBY-2
SEE BM SHEET
PBY-1
DETAIL OF OUTLINE WHEN PARTS
ARE CUT FROM EXTRUSION
12" = 1'0"
REPLACES 28B013 OF 1-30-34
REPLACED BY
DATE
ACT.WT.
MODEL
NEXT ASSY.
REQ.
STD PARTS
PARTS LIST
REQUIREMENTS PER AIRPLANE
MAT.
NOTED
NOTED
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N.Y.
NAME
CLIP-HULL-DECK STRINGER-STRAIGHT
OPP. HAND
B
28B1013

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-11-36	W.G.M.
B	IN D/M, REPLACED "AL ALLOY CASTG. 46A1 CL.4, 29,000#/□", WITH "NOTED" ON FACE OF DWG. ADDED MAT'L NOTE #1. BRIT. AIR/REQMTS. TO DATE. NO WT. CHG.	7-19-43	[illegible]



Ⓑ NOTES:
1- MATERIAL MAY BE:
(A) 195T4 AL.AL. CASTG., SPEC. AN-QQ-A-390 CL. I, H.T. 29,000#/□", OR
(B) S-195T6 AL. AL. CASTG., SPEC. AN-A-5 CL. II, H.T. 32,000#/□".

O.H.	MODEL	NEXT ASSY.	REQ.
	28-5AMH	28B5580	2
	28-5AMC	28B5580	2
	[illegible]	28B1400	2
	PBY-5	28B1400	2
	PBY-5B	28B1400	2
	PBY-5A	28B5580	2
	PBY-4	28B1400	
	PBY-3	28B1400	
	PBY-2	28B1400	2
	PBY-1	28B1400	2

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

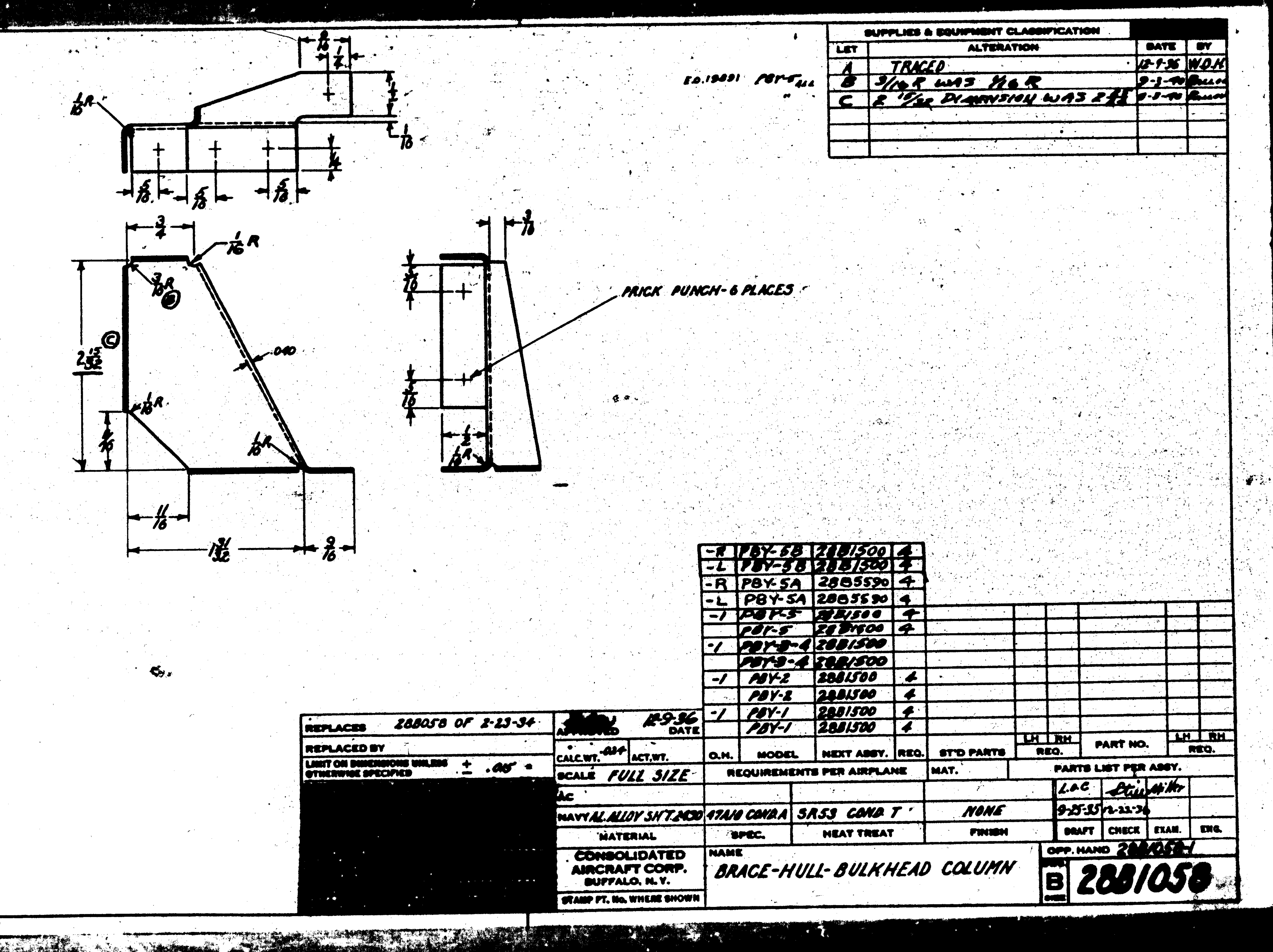
REPLACES 28B037 or 1-16-34
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
[redacted]

APPROVED [illegible] DATE 12-11-36
CALC. WT. .07 ACT. WT.
SCALE 12"=1'0"
AC
NAVY NOTED

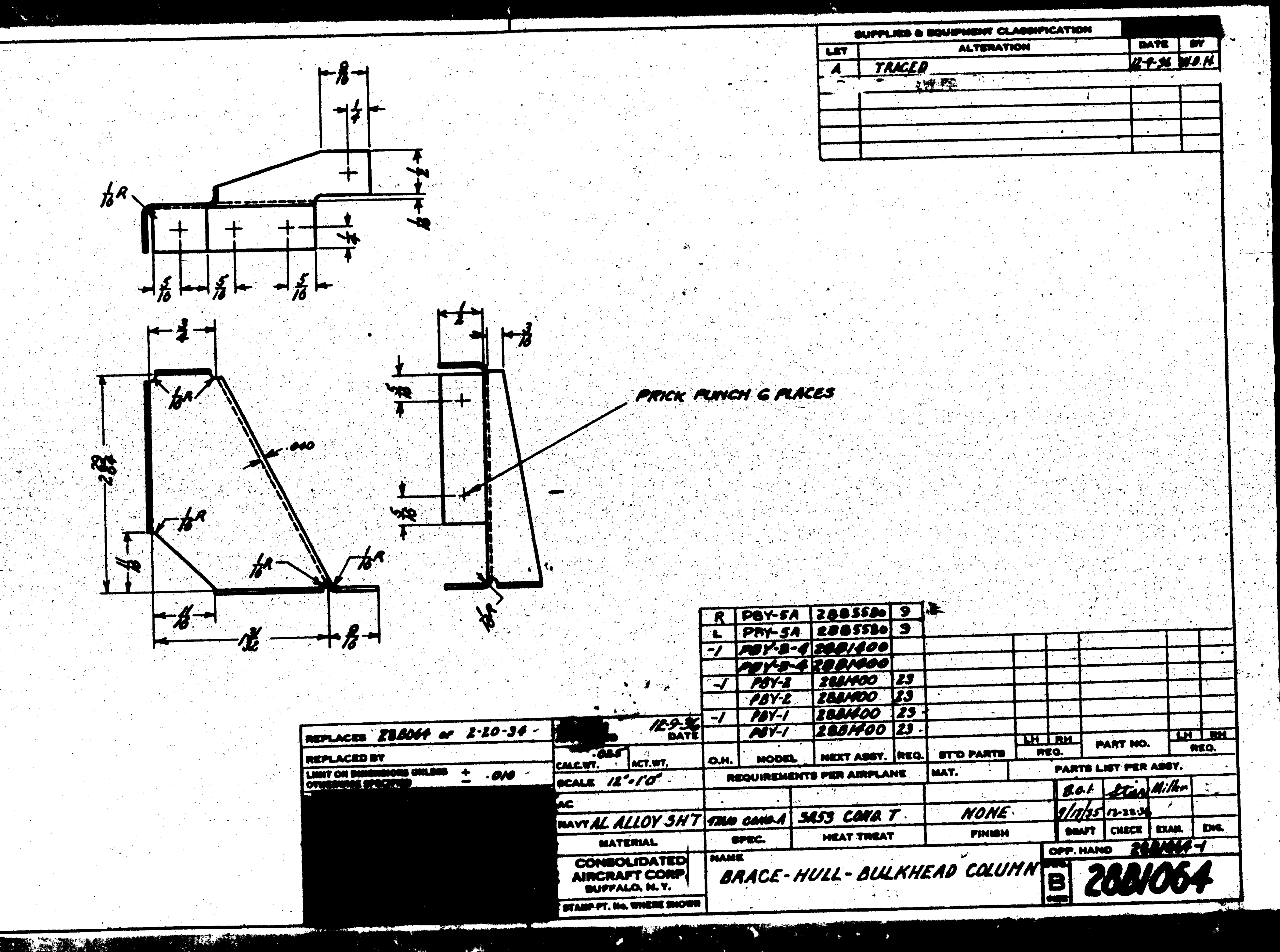
MATERIAL	SPEC.	HEAT TREAT	FINISH
NOTED	NOTED	NOTED	NONE

DRAFT	CHECK	EXAM.	ENG.
B.A.I. [illegible]	[illegible]	[illegible]	
9-20-35	12-23-35		

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME: HINGE - HULL - BULKHEAD & WATER TIGHT DOOR
OPP. HAND
DWG. SIZE B 28B1037

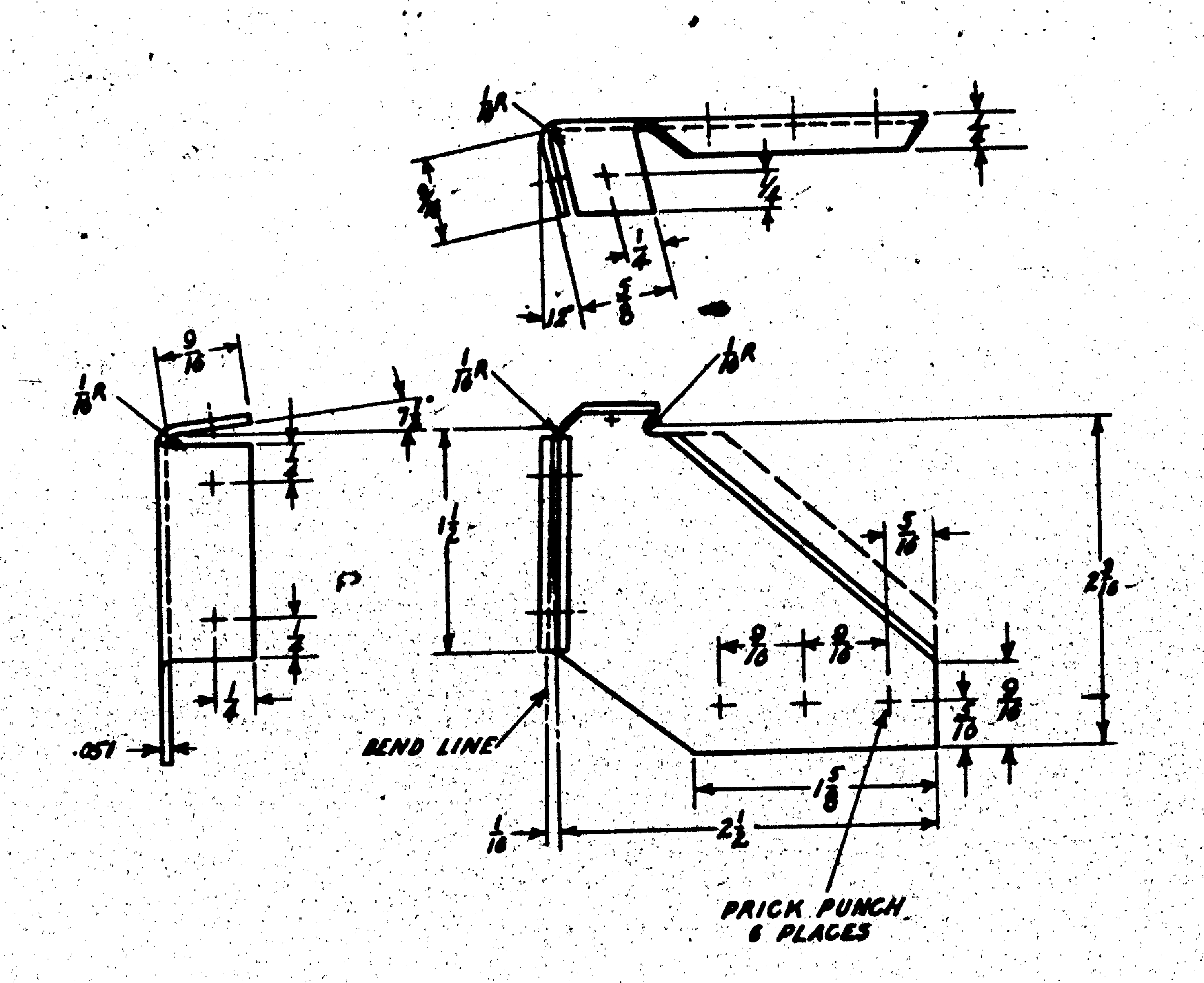


SUPPLIES & EQUIPMENT CLASSIFICATION
LET ALTERATION DATE BY
A TRACED 12-9-36 W.D.K.
B 3/16 R WAS 1/16 R 9-3-40
C 2 15/32 DIMENSION WAS 2 9-3-40
E.O. 19891 PBY-5 ALL
PRICK PUNCH-6 PLACES
.040
-R PBY-5B 2881500 4
-L PBY-5B 2881500 4
-R PBY-5A 2885590 4
-L PBY-5A 2885590 4
-1 PBY-5 2881500 4
PBY-5 2881500 4
-1 PBY-3-4 2881500
PBY-3-4 2881500
-1 PBY-2 2881500 4
PBY-2 2881500 4
-1 PBY-1 2881500 4
PBY-1 2881500 4
O.H. MODEL NEXT ASSY. REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS LH RH REQ. PART NO. LH RH REQ.
MAT. PARTS LIST PER ASSY.
REPLACES 288058 OF 2-23-34
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
APPROVED 12-9-36 DATE
CALC.WT. .014 ACT.WT.
SCALE FULL SIZE
NAVY AL.ALLOY SHT.24SO 47A10 COND.A SR53 COND.T NONE
MATERIAL SPEC. HEAT TREAT FINISH
L.A.C. 9-25-35 12-23-36
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME BRACE-HULL-BULKHEAD COLUMN
OPP. HAND 2881058-1
B 2881058
SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
12-9-36
W.O.H.
PRICK PUNCH 6 PLACES
.040
R
PBY-5A
28B5580
9
L
PBY-5A
28B5580
9
-1
PBY-2
28B1400
23
PBY-2
28B1400
23
-1
PBY-1
28B1400
23
PBY-1
28B1400
23
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS
LH
RH
REQ.
PART NO.
MAT.
PARTS LIST PER ASSY.
REPLACES 28B064 or 2-20-34
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010
[redacted]
12-9-36
DATE
CALC.WT.
ACT.WT.
SCALE 12" = 1'0"
AC
NAVY AL ALLOY SHT
MATERIAL
SPEC.
3S53 COND T
HEAT TREAT
NONE
FINISH
9/17/35
12-23-36
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
BRACE - HULL - BULKHEAD COLUMN
OPP. HAND
B
28B1064

LET	ALTERATION	DATE	BY
B	TRACED	12-11-36	W.D.H.



O.H.	MODEL	NEXT ASSY.	REQ.
R	PBY-5B	28B1500	4
L	PBY-5B	28B1500	4
R	PBY-5A	28B5590	4
L	PBY-5A	28B5590	4
-1	PBY-3-4	28B1500	
	PBY-3-4	28B1500	
-1	PBY-2	28B1500	
	PBY-2	28B1500	
-1	PBY-1	28B1500	
	PBY-1	28B1500	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES 28B121 OF 3-24-34

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

[redacted] APPROVED 12-21-36 DATE

CALC. WT. .026 ACT. WT.

SCALE FULL SIZE

AL. ALLOY SH'T — MATERIAL

24ST-Cond. A — SPEC.

SR53 COND. T — HEAT TREAT

NONE — FINISH

DRAFT	CHECK	EXAM.	ENG.
Lac.	Stan Miller		
9-24-35	12-22-36		

OPP. HAND 28B1121-1

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

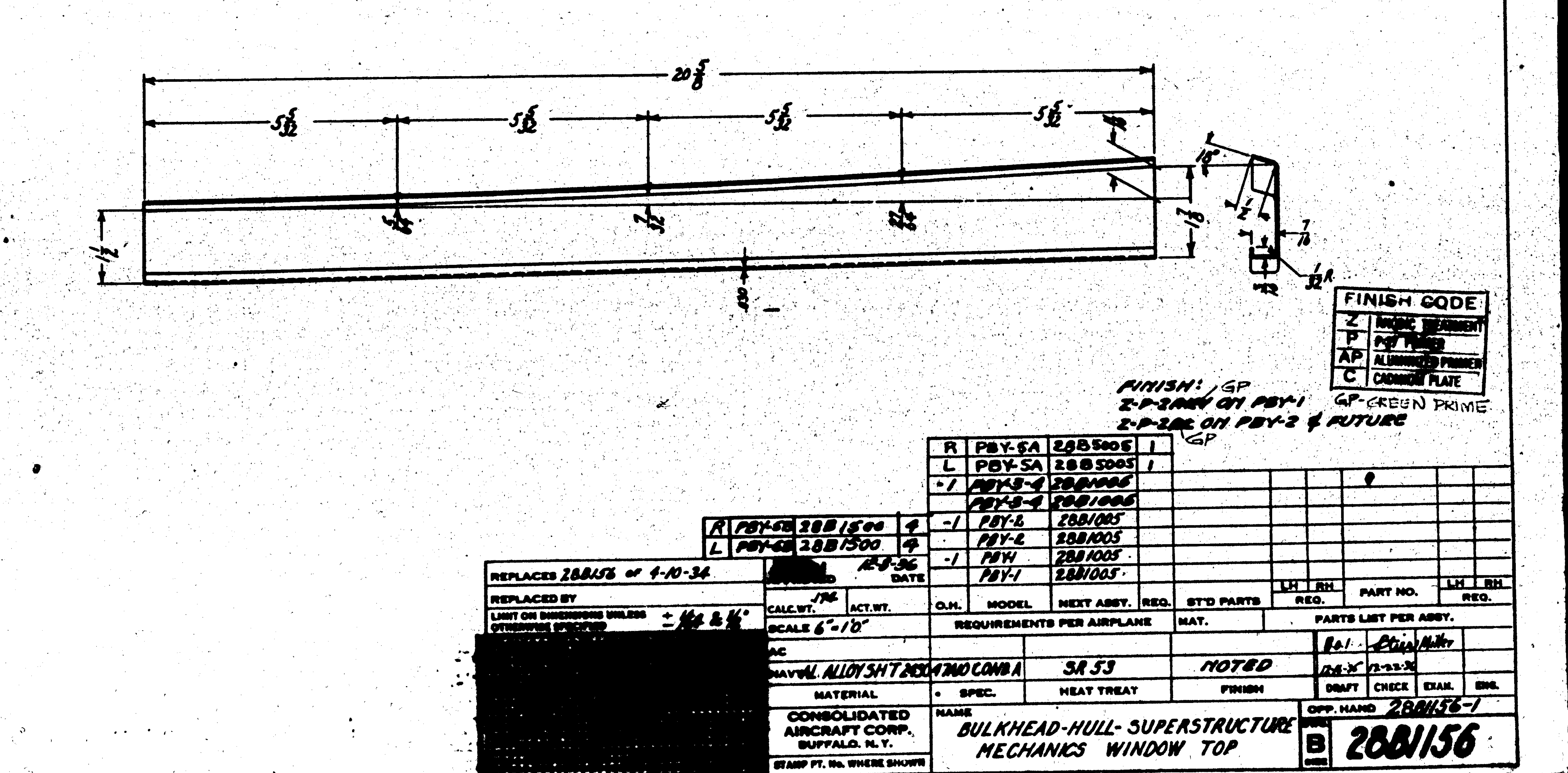
NAME BRACE-HULL-UPPER WEB STIFFENER

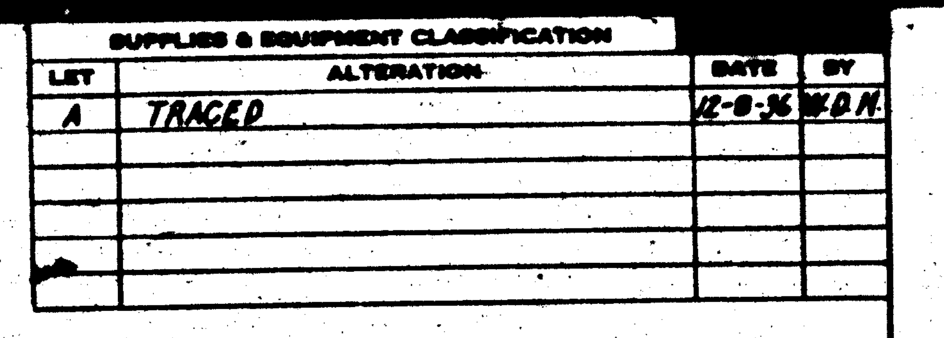
B 28B1121

SULLIVAN-MORRISSON CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION

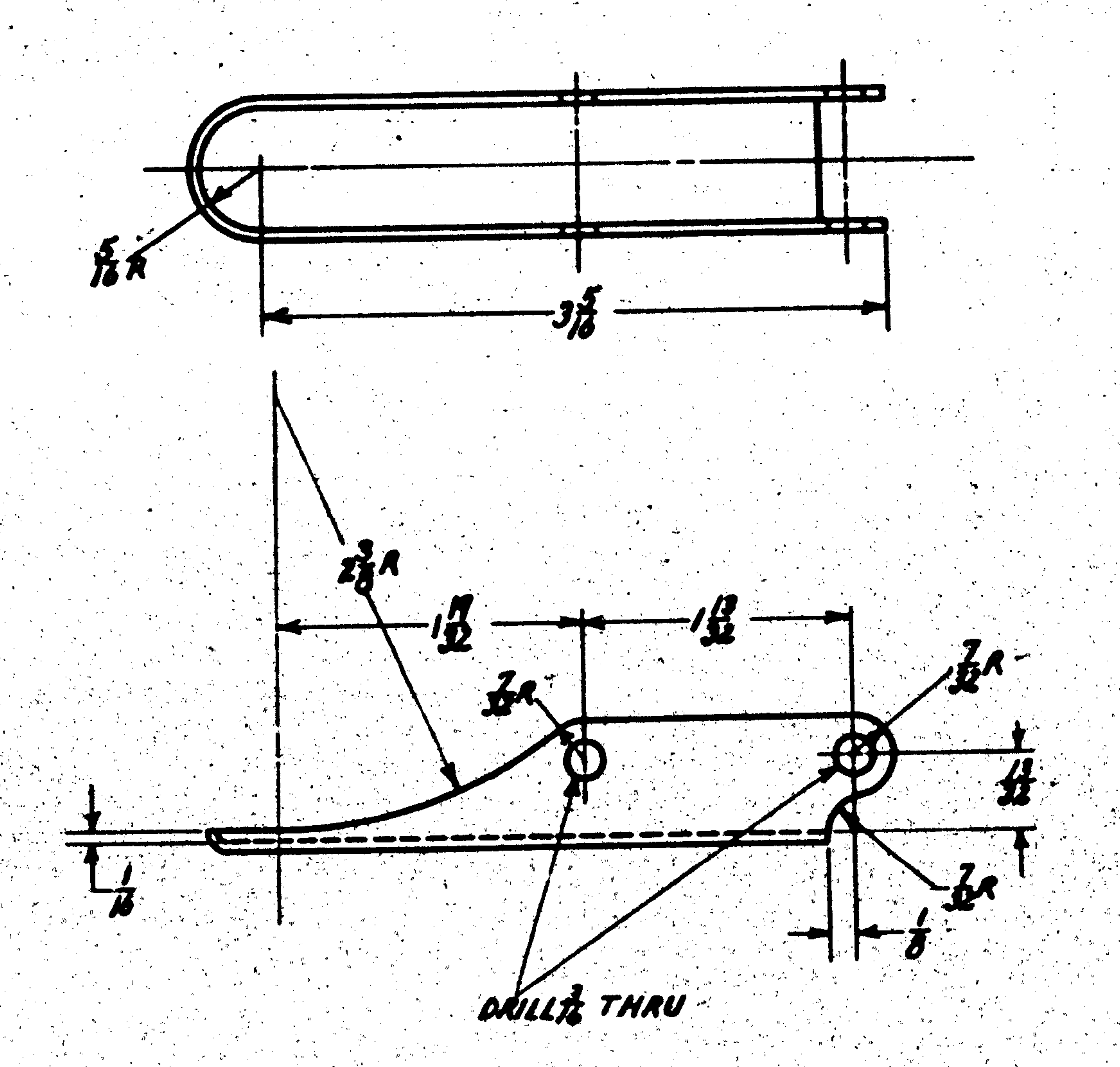
LET	ALTERATION	DATE	BY
A	TRACED	12-8-36	W.R.H.

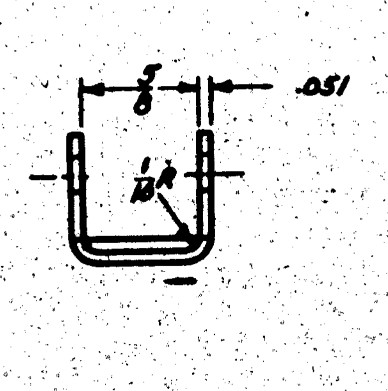




SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-8-36	W.D.N.





GP- [redacted] PRIME

[redacted]

FINISH: GP
2-P- ON PBY-1
2-P- ON PBY-2 & FUTURE
GP

	PBY-5B	28B1186	2							
	PBY-5A	28B1186	2							
	PBY-4	28B1186								
	PBY-3	28B1186								
	PBY-2	28B1186								
	PBY-1	28B1186								
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.	
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.					

REPLACES	[redacted] APPROVED	12-8-36 DATE
REPLACED BY	CALC.WT. .03	ACT.WT.
LIMIT ON DIMENSIONS UNLESS + 1/32 − 1/32 [redacted]	SCALE 12"=1'0"	
	AC	

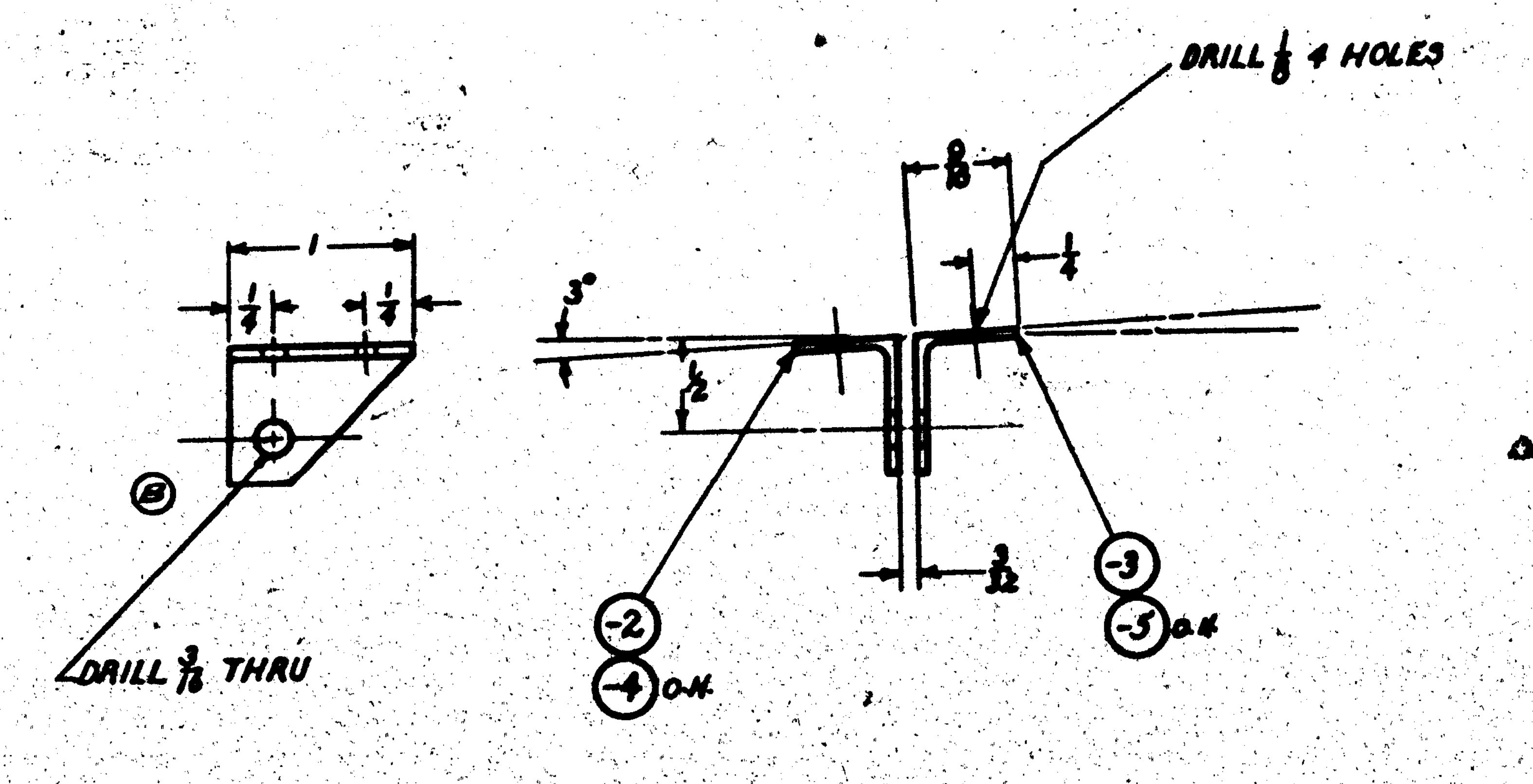
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY AL ALLOY SH'T 2430	FLAT COND A	SR53 COND T	NOTED	Loc. 5-4-36	Stein 12-28-36	Miller	

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN

NAME: HANDLE-HULL-VENTILATOR

OPP. HAND

SIZE B — 28B1189



MAKE FROM 3/4 x 3/4 x 1/16 EXT. ANGLE
SPEC. 46A9 - COND. T

LET	ALTERATION	DATE	BY
A	TRACED	12-3-36	W.B.K.
B	REMOVED [illegible] FROM [illegible] -5	6-27-41	[illegible]

G.P. GREEN [redacted]

-5	PBY-5A	28B1186	[illegible]
-4	PBY-5A	28B1186	[illegible]
-3	PBY-5A	28B1186	[illegible]
-2	PBY-5A	28B1186	[illegible]
-5	PBY-5A	28B4142	[illegible]
-4	PBY-5A	28B4142	[illegible]
-3	PBY-5A	28B4142	1EA
-2	PBY-5A	28B4142	[illegible]
O.H.	MODEL	NEXT ASSY	REQ.

FINISH: GP
Z-P-[illegible] ON PBY-1
Z-P-[illegible] ON PBY-2 & FUTURE
GP

O.H.	MODEL	NEXT ASSY.	REQ.
-5	PBY-2-4	28B1186	
-4	PBY-2-4	28B1186	
-3	PBY-2-4	28B1186	
-2	PBY-2-4	28B1186	
-5	PBY-1-3	28B1186	
-4	PBY-1-3	28B1186	
-3	PBY-1-3	28B1186	
-2	PBY-1-3	28B1186	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
MAT.			PARTS LIST PER ASSY.		

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + [illegible] − [illegible]
[redacted]

[redacted] 12-3-36 DATE
CALC. WT. .01 EA. ACT. WT.
SCALE 12" = 1'0"
AC
NAVY NOTED

MATERIAL	SPEC.	HEAT TREAT	FINISH
NOTED	NOTED	NONE	NOTED

DRAFT	CHECK	EXAM.	ENG.
L.G.C. 5-5-36	[illegible] 12-22-36	Milkr	

OPP. HAND NOTED

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN

NAME HINGE-HULL-VENTILATOR

B 28B1191

[illegible]

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-10-36	L.D.M.
B	ADDED NOTE "ON INSTR." TO 5/8 DIA SPOTFACE.	11-16-[illegible]	[illegible]

E.O. 28500

SPOT FACE 1/2 DIA.

PRICK PUNCH

PRICK PUNCH

NOTE: SPOT FACE 5/8 DIA. ON INST. (B)

$1\frac{5}{32}$ $\frac{23}{32}$ $\frac{15}{16}$ $\frac{5}{16}$ $4\frac{1}{2}°$

-2 FRONT FITTING

$1\frac{5}{32}$ $\frac{23}{32}$ $\frac{15}{16}$ $\frac{5}{16}$ $4\frac{1}{2}°$

-3 MIDDLE FITTING

$1\frac{5}{32}$ $\frac{23}{32}$ $\frac{15}{16}$ $\frac{5}{16}$

$3\frac{1}{2}°$ REF. AS RECEIVED

-4 REAR FITTING [redacted]

-2-3 & -4 TO BE MACHINED FROM FORGING 28B1557

O.H.	MODEL	NEXT ASSY.	REQ.
-4	[illegible]	[illegible]1006	2 EA
-3	[illegible]	[illegible]1006	2 EA
-2	[illegible]	[illegible]1006	2 EA
-4	PBY-3-4	28B1006	
-3	PBY-3-4	28B1006	
-2	PBY-3-4	28B1006	
-4	PBY-2	28B1006	2
-3	PBY-2	28B1006	2
-2	PBY-2	28B1006	2
-4	PBY-1	28B1006	2
-3	PBY-1	28B1006	2
-2	PBY-1	28B1006	2

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± [illegible]

[redacted]

[illegible] 12-10-36 DATE

CALC. WT. ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY NOTED

MATERIAL

SPEC.	HEAT TREAT	FINISH
[illegible] DRAWING	[illegible] T.S. [illegible]	Z-1P

DRAFT	CHECK	EXAM.	ENG.
J.W.L. 1-8-36	[illegible] 12-23-36		

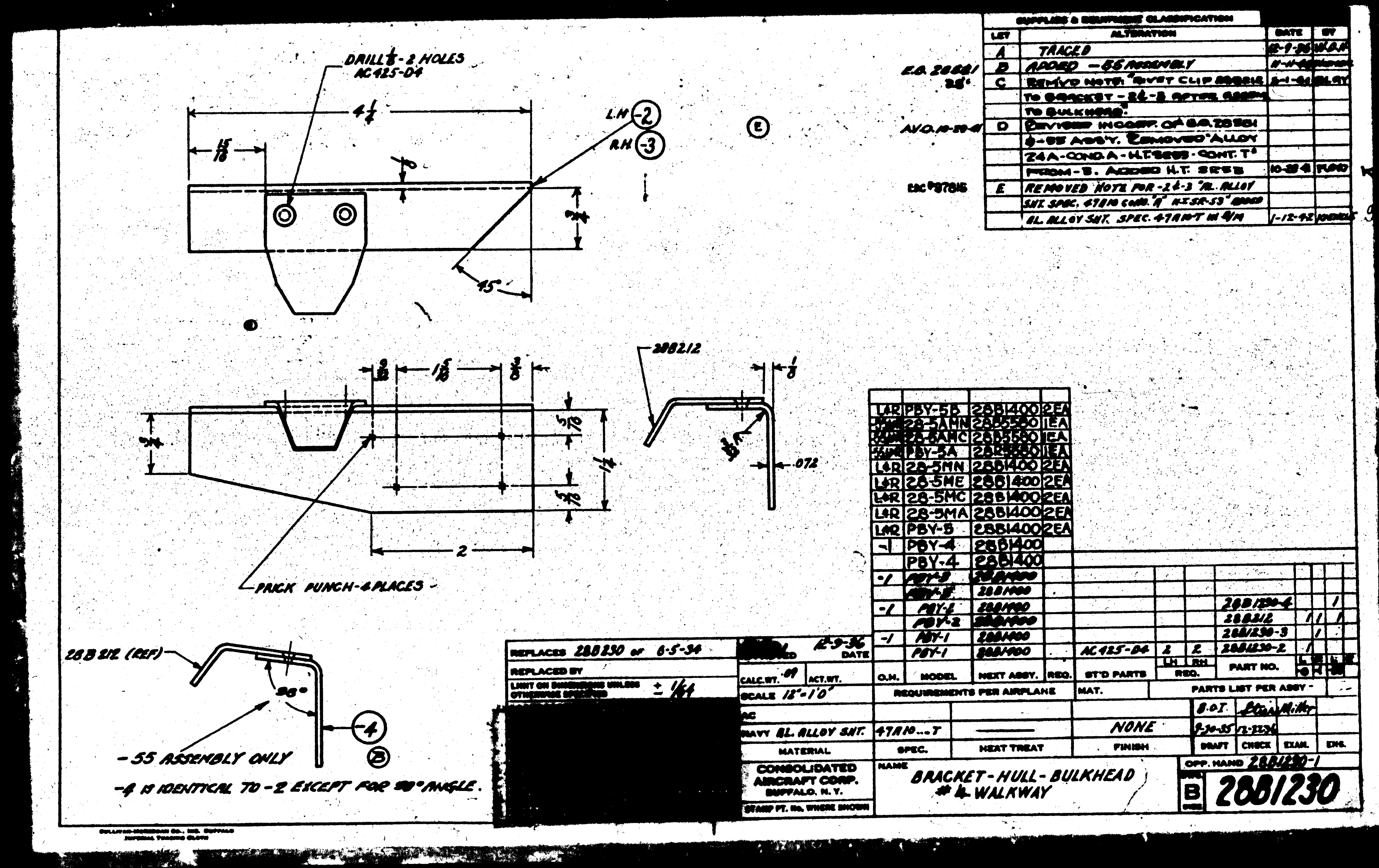
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME FITTING - HULL - SECONDARY LOWER FIN STRUCTURE

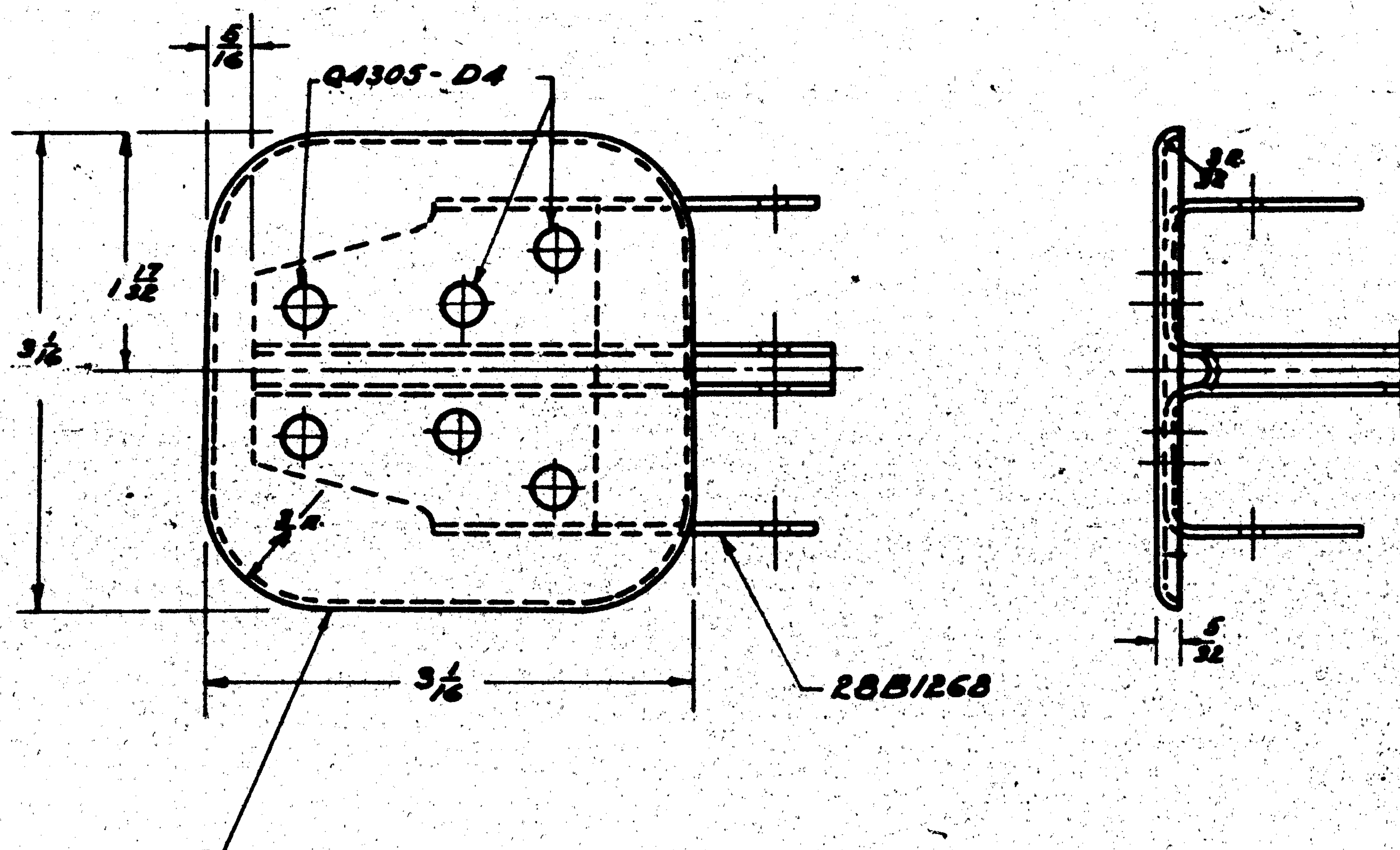
OPP. HAND

B 28B1207



ALTERATION
A TRACED 12-9-36
B ADDED -55 ASSEMBLY
C REMOVED NOTE: "RIVET CLIP 28B212 TO BRACKET -2 & -3 AFTER ASSEM. TO BULKHEAD."
D REVISED IN ACCT. OF E.O. 28581 & -55 ASS'Y. REMOVED "ALLOY 24A-COND. A - H.T. 3R53 - CONT. T" FROM -3. ADDED H.T. 3R53
E REMOVED NOTE FOR -2 & -3 "AL. ALLOY SHT. SPEC. 47A10 COND. "A" H.T. SR-53" ADDED AL. ALLOY SHT. SPEC. 47A10-T IN 4/M 1-12-42
DRILL 1/8 - 2 HOLES AC425-D4
4 1/4
15/16
L.H. -2
R.H. -3
45°
PRICK PUNCH - 4 PLACES
28B212
.072
28B212 (REF)
-55 ASSEMBLY ONLY
-4
-4 IS IDENTICAL TO -2 EXCEPT FOR 98° ANGLE.
PBY-5B 28B1400 2EA
28-5AMN 28B5580 1EA
28-5AMC 28B5580 1EA
PBY-5A 28B5580 1EA
28-5MN 28B1400 2EA
28-5ME 28B1400 2EA
28-5MC 28B1400 2EA
28-5MA 28B1400 2EA
PBY-5 28B1400 2EA
PBY-4 28B1400
AC425-D4
28B1230-4
28B212
28B1230-3
28B1230-2
O.H. MODEL NEXT ASSY. REQ. ST'D PARTS REQ. PART NO.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY
REPLACES 28B230 of 6-5-34
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
SCALE 12"=1'0"
NAVY AL. ALLOY SHT. 47A10...T NONE
MATERIAL SPEC. HEAT TREAT FINISH
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME BRACKET-HULL-BULKHEAD #4 WALKWAY
OPP. HAND 28B1230-1
B 28B1230
[redacted]

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-24-37	



(2) .051 AL. ALLOY SH'T. (24SO)
SPEC. 47A10 - COND. A
H.T. SR. 53 COND. T.

GP-GREEN PRIME

[redacted]

FINISH:
Z-P-2 ON PBY-1
Z-P-2 ON PBY-2 & FUTURE
G.P.

	PBY-5B	28B1269	2				28B1268	1	
	PBY-5A	28B1269	2						
	PBY-4	28B1269							
	PBY-3	28B1269							
	PBY-2	28B1269							
	PBY-1	28B1269	1	Q4305-D4			-2	1	
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32

[redacted]

2-24-37 APPROVED	DATE		
.03 CALC. WT.	ACT. WT.		
SCALE 12" = 1'-0"			
AC			
NAVY NOTED	NOTED	NOTED	NOTED
MATERIAL		HEAT TREAT	FINISH

I.BB			
12-10-36	3-2-37		
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

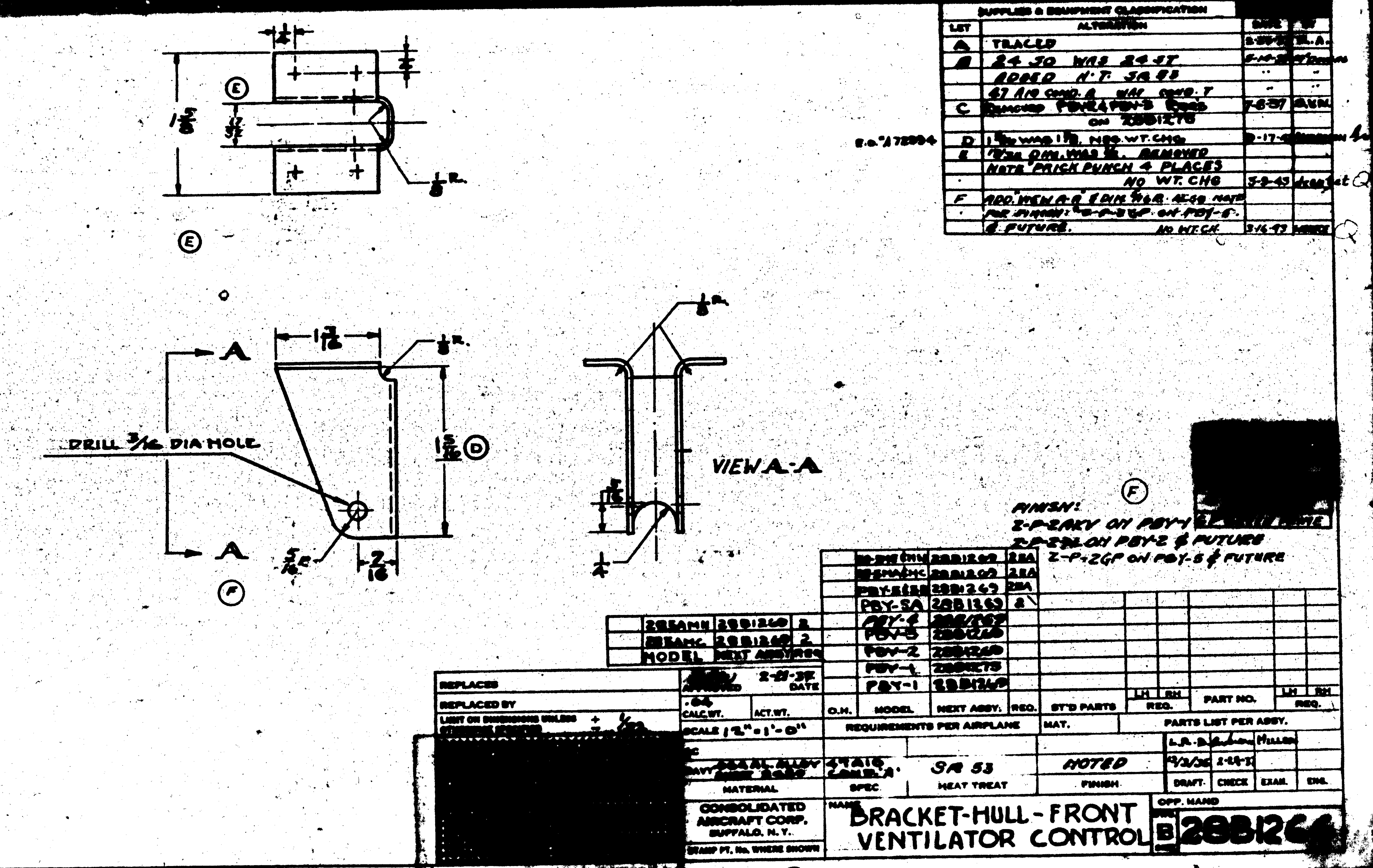
STAMP PT. No. WHERE

VENTILATOR-HULL-FRONT

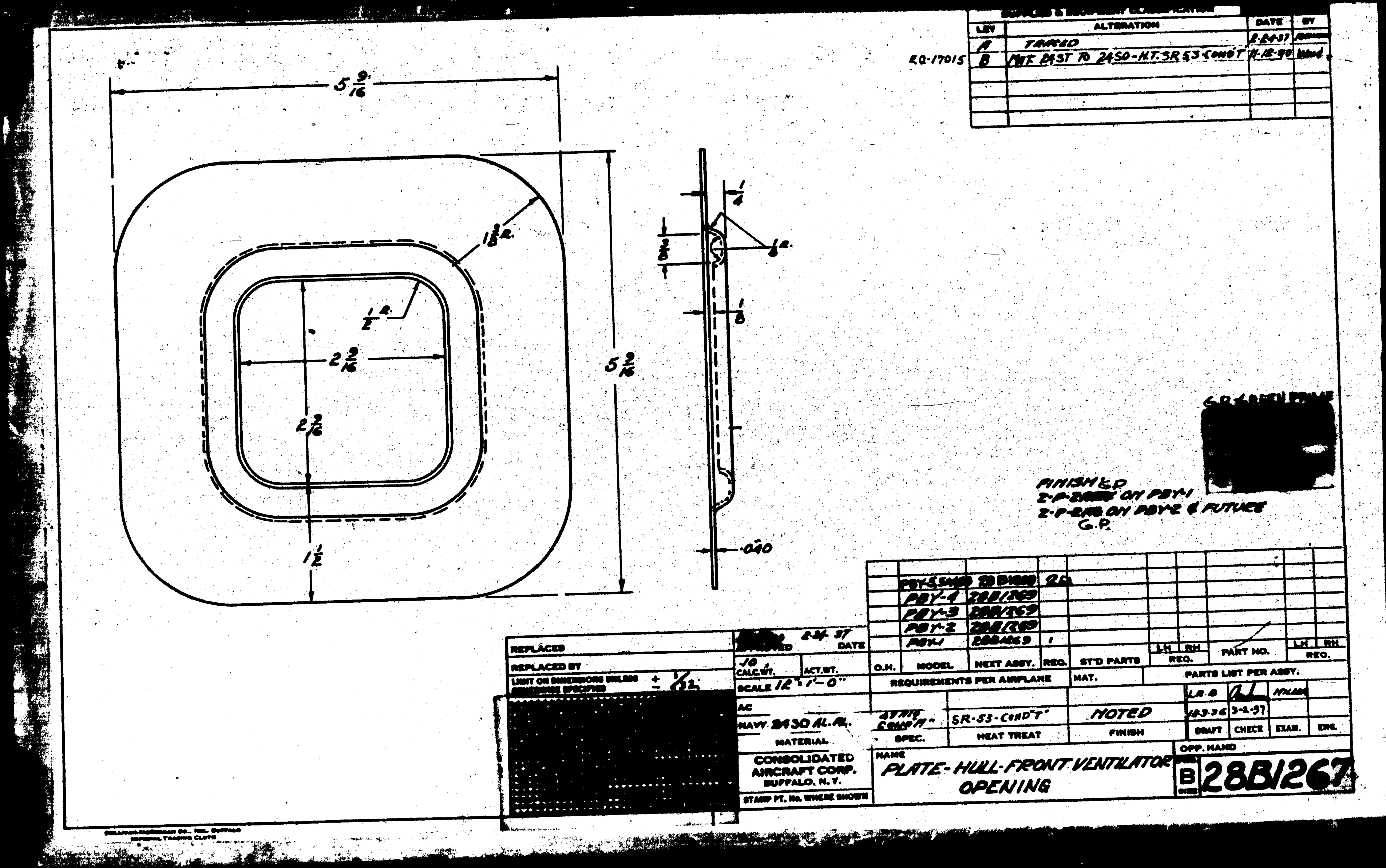
OPP. HAND

B 28B1265

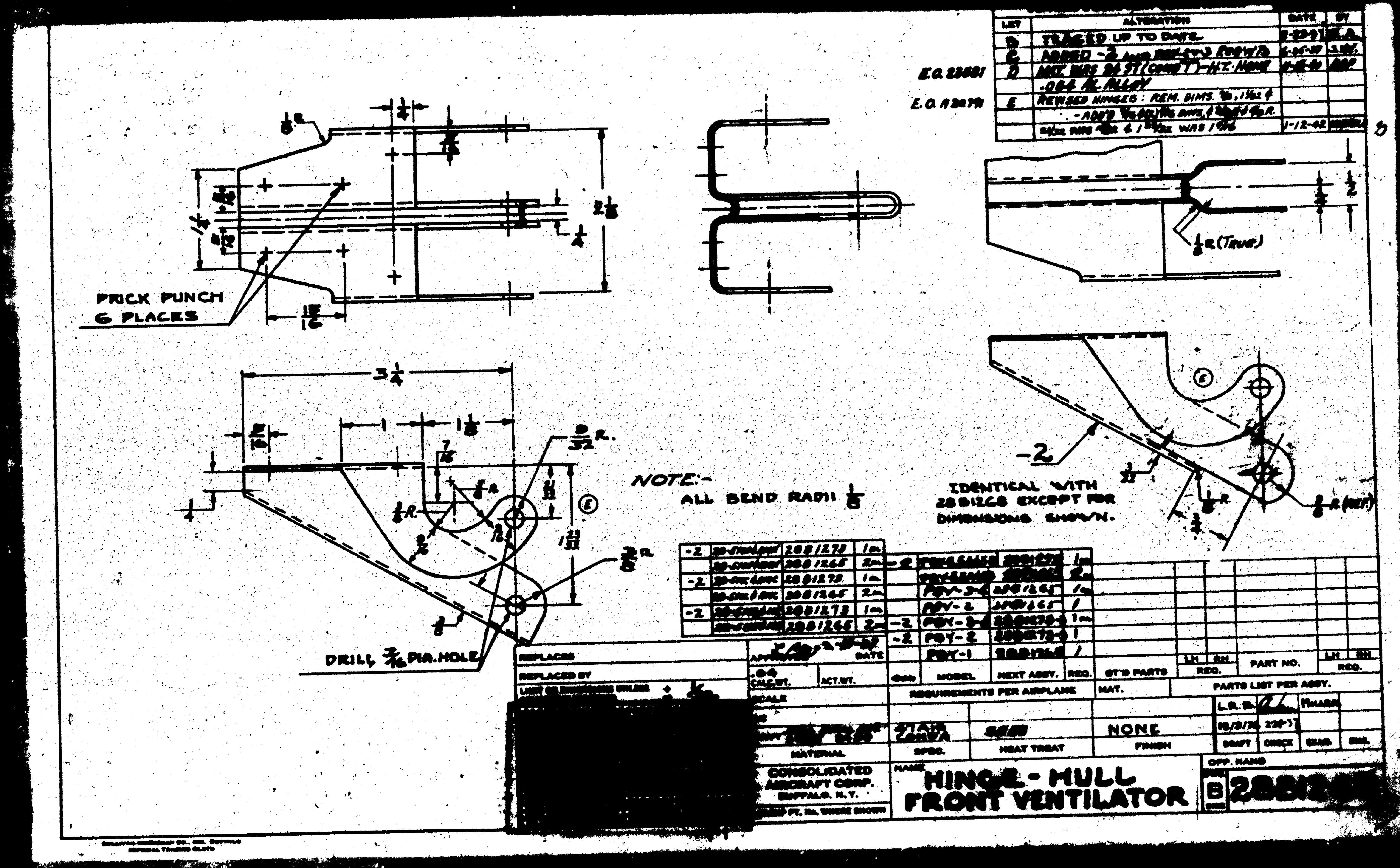
SULLIVAN-MCKINNON CO. INC. BUFFALO
IMPERIAL TRACING CLOTH



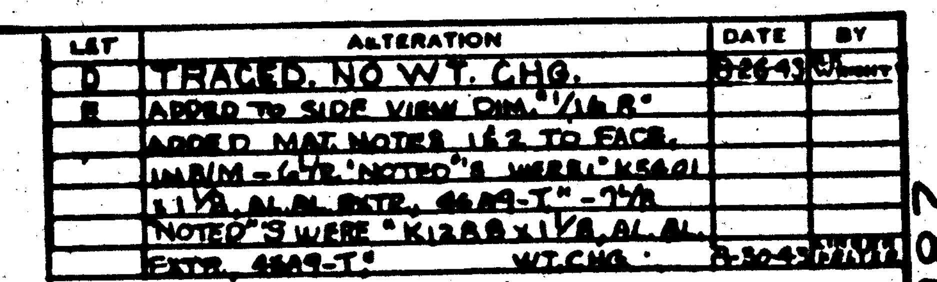
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
TRACED
ADDED H.T. SR 53
NOTE PRICK PUNCH 4 PLACES
NO WT. CHG
DRILL 3/16 DIA HOLE
VIEW A-A
FINISH:
REPLACES
REPLACED BY
CALC.WT.
ACT.WT.
DATE
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS
PART NO.
MAT.
PARTS LIST PER ASSY.
MATERIAL
SPEC.
SR 53
HEAT TREAT
NOTED
FINISH
DRAFT.
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
OPP. HAND
BRACKET-HULL-FRONT VENTILATOR CONTROL



LET | ALTERATION | DATE | BY
A TRACED 2-24-37
EQ-17015 B MAT. PAST TO 24SO-H.T. SR 53 COND'T 11-12-90
5 9/16
1 3/8 R.
1/2 R.
2 9/16
2 9/16
5 9/16
1 1/2
1/4
1/8 R.
1/8
.040
FINISH G.P.
Z-P-2 ON PBY-1
Z-P-2 ON PBY-2 & FUTURE
G.P.
PBY-5 SWAB 28B1269 2R
PBY-4 28B1269
PBY-3 28B1269
PBY-2 28B1269
PBY-1 28B1269 1
O.H. | MODEL | NEXT ASSY. | REQ. | ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED 2-24-37 DATE
.10 CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY 24SO AL. AL.
MATERIAL
SPEC.
SR-53-COND'T
HEAT TREAT
NOTED
FINISH
1-13-36 3-2-37
DRAFT CHECK EXAM. ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME PLATE-HULL-FRONT VENTILATOR OPENING
B 28B1267

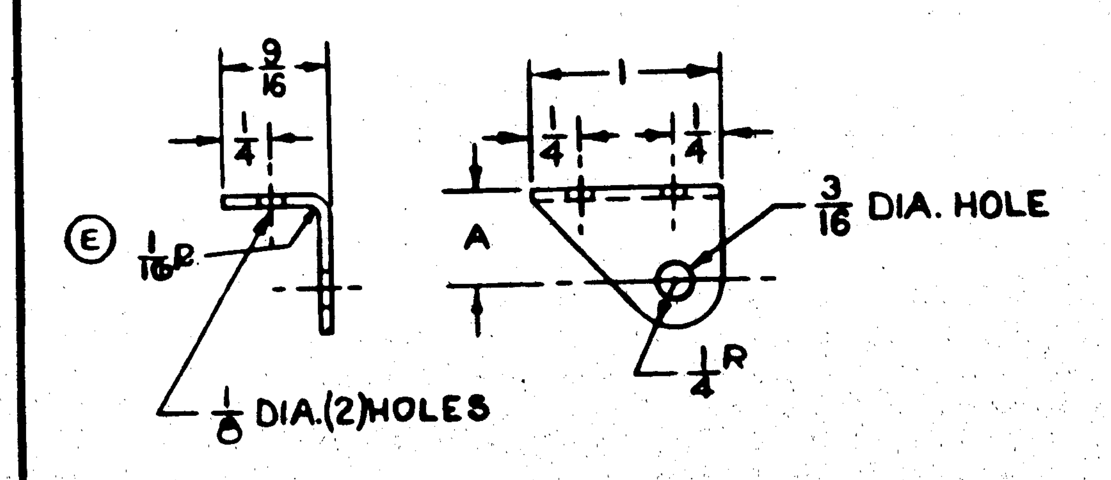


ALTERATION
DATE
BY
TRACED UP TO DATE
REVISED HINGES : REM. DIMS.
PRICK PUNCH
6 PLACES
NOTE:-
ALL BEND RADII 1/8
IDENTICAL WITH
28B1268 EXCEPT FOR
DIMENSIONS SHOWN.
-2
DRILL 3/16 DIA. HOLE
REPLACES
REPLACED BY
[redacted]
APPROVED
DATE
CALC. WT.
ACT. WT.
SCALE
MODEL
NEXT ASSY.
REQ.
STD PARTS
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
OPP. HAND
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N.Y.
NAME
HINGE - HULL
FRONT VENTILATOR
B



LET	ALTERATION	DATE	BY
D	TRACED. NO WT. CHG.	8-26-43	[illegible]
E	ADDED TO SIDE VIEW DIM. "1/16 R"		
	ADDED MAT. NOTES 1 & 2 TO FACE.		
	IN B/M -6L/R "NOTED"S WERE "K5401		
	x 1 1/8, AL. AL. EXTR. 46A9-T" -7L/R		
	"NOTED"S WERE "K1288 x 1 1/8, AL. AL.		
	EXTR. 46A9-T" WT. CHG.	8-30-43	[illegible]

28B1270



C. NO. (5) 464 — -7L/R, -6L/R, -7L/R

C. 91876 #91 & ON — -7L/R, -6L/R, -7L/R

C70496, C77713 & C88476 ONLY — -6L/R, -6L/R

C.70496 & C.91876 #1 TO 90 — -6L/R, -6L/R

SEE RELEASE SHEET			
FOR OTHER RELEASES			
-7L/R	PBY-5A	28D2150	1EA
-6L/R	PBY-5A	28D2150	1EA
-7L/R	PBY-5A	28B1269	2EA
-7L/R	PBY-5	28B2150	1EA
-6L/R	PBY-5	28B2150	1EA
-7L/R	PBY-5	28B1269	2EA
-6L/R	PBY-5A	28B2150	2EA
-6L/R	PBY-5A	28B1269	2EA
-6L/R	PBY-5	28B2150	2EA
-6L/R	PBY-5	28B1269	2EA
	PBY-4	28B1269	
	PBY-3	28B1269	
	PBY-2	28B1269	
	PBY-1	28B1269	
ASSY. DASH NO.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

REPLACES 28B1270 OF. 12-7-36 — .01 CALC. WT.

REPLACED BY — ACT. WT.

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32 — SCALE 12" = 1'-0"

STAMP PART NUMBER WHERE SHOWN

MATERIAL NOTE
1.- MAT. FOR -6L/R MAY BE:
(A) .072 x 17/16 x 1 1/8, 24 ST. ALC., SPEC. QQ-A-362-T, OR
(B) K5401 x 1 1/8, AL. AL. EXTR., SPEC. QQ-A-354-T.
2.- MAT. FOR -7L/R MAY BE:
(A) .081 x 1 5/8 x 1 1/8, 24 ST. ALC., SPEC. QQ-A-362-T, OR
(B). K1288 x 1 1/8, AL. AL. EXTR., SPEC. QQ-A-354-T.

PART NO.	DIM "A"
-7L/R	11/16
-6L/R	1/2

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
GP	GREEN PRIMER
C	CADMIUM PLATE

PART NO.	STOCK	MATERIAL	SPEC.	-0 REQ. LH	-0 REQ. RH	-2 REQ. LH	-2 REQ. RH	-3 REQ. LH	-3 REQ. RH	-4 REQ. LH	-4 REQ. RH	-5 REQ. LH	-5 REQ. RH
-7R	NOTED	NOTED	NOTED										
-7L	NOTED	NOTED	NOTED										
-6R	NOTED	NOTED	NOTED										
-6L	NOTED	NOTED	NOTED										

PARTS LIST PER ASSY.

AC		L.R.B.	ANDERSON	MILLER		L.C.W.	
NAVY NONE	ZP-GP	12-7-36	3-3-37				
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT.	MAT.	APPROV.	ENG.

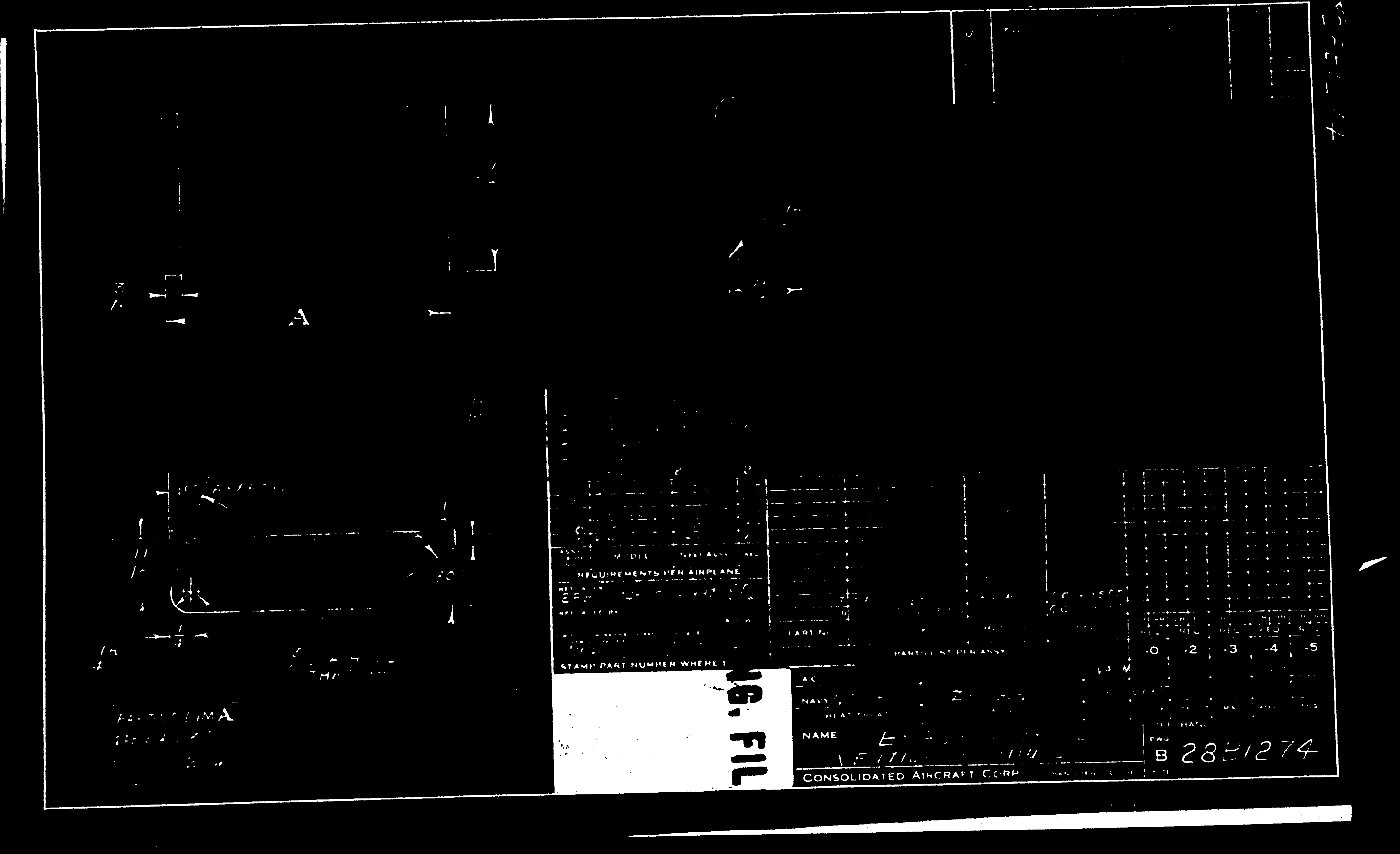
OPP. HAND 28B1270-R

NAME HINGE - HULL - VENTILATOR - PILOT'S

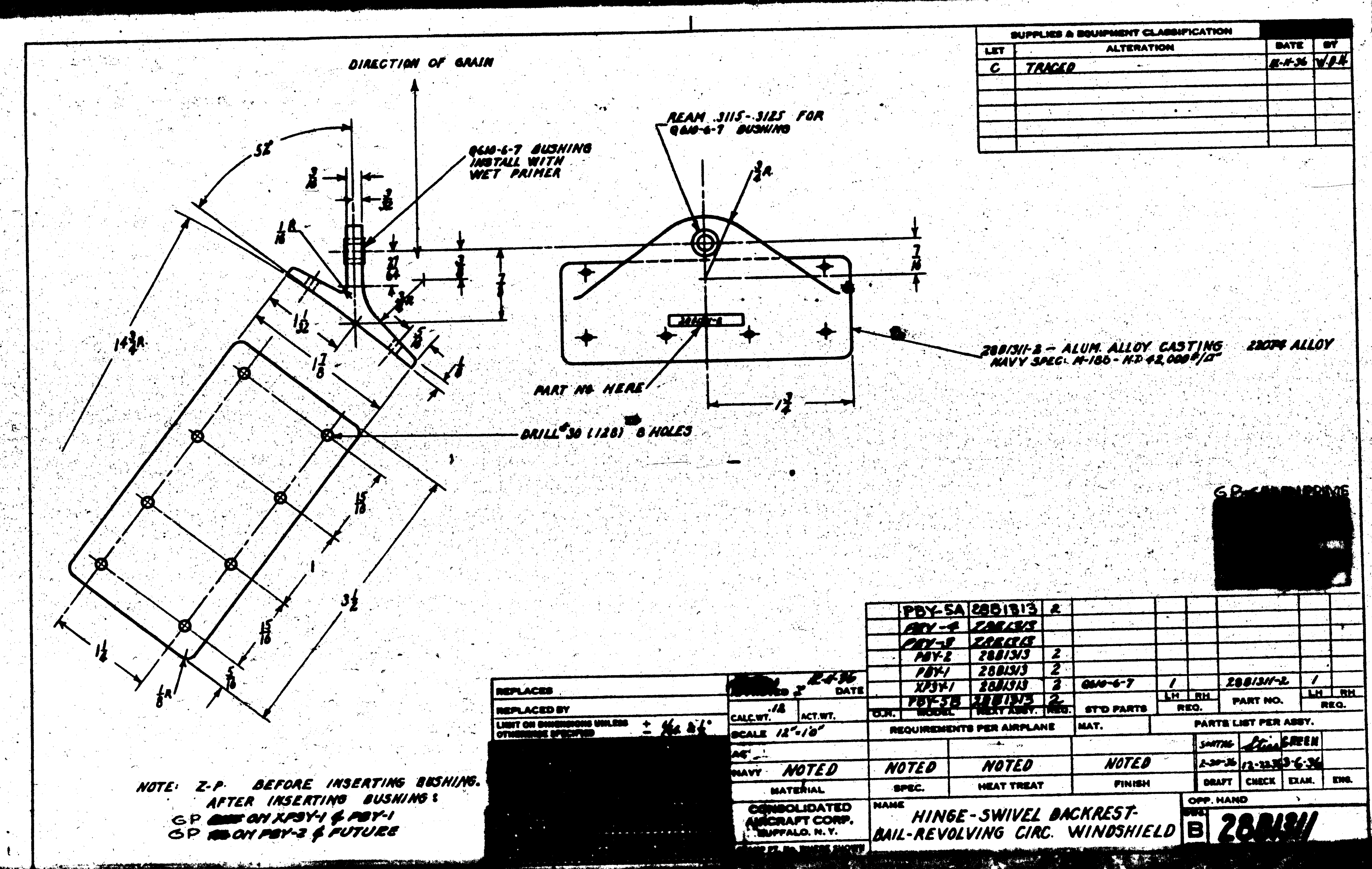
DWG. SIZE B — 28B1270

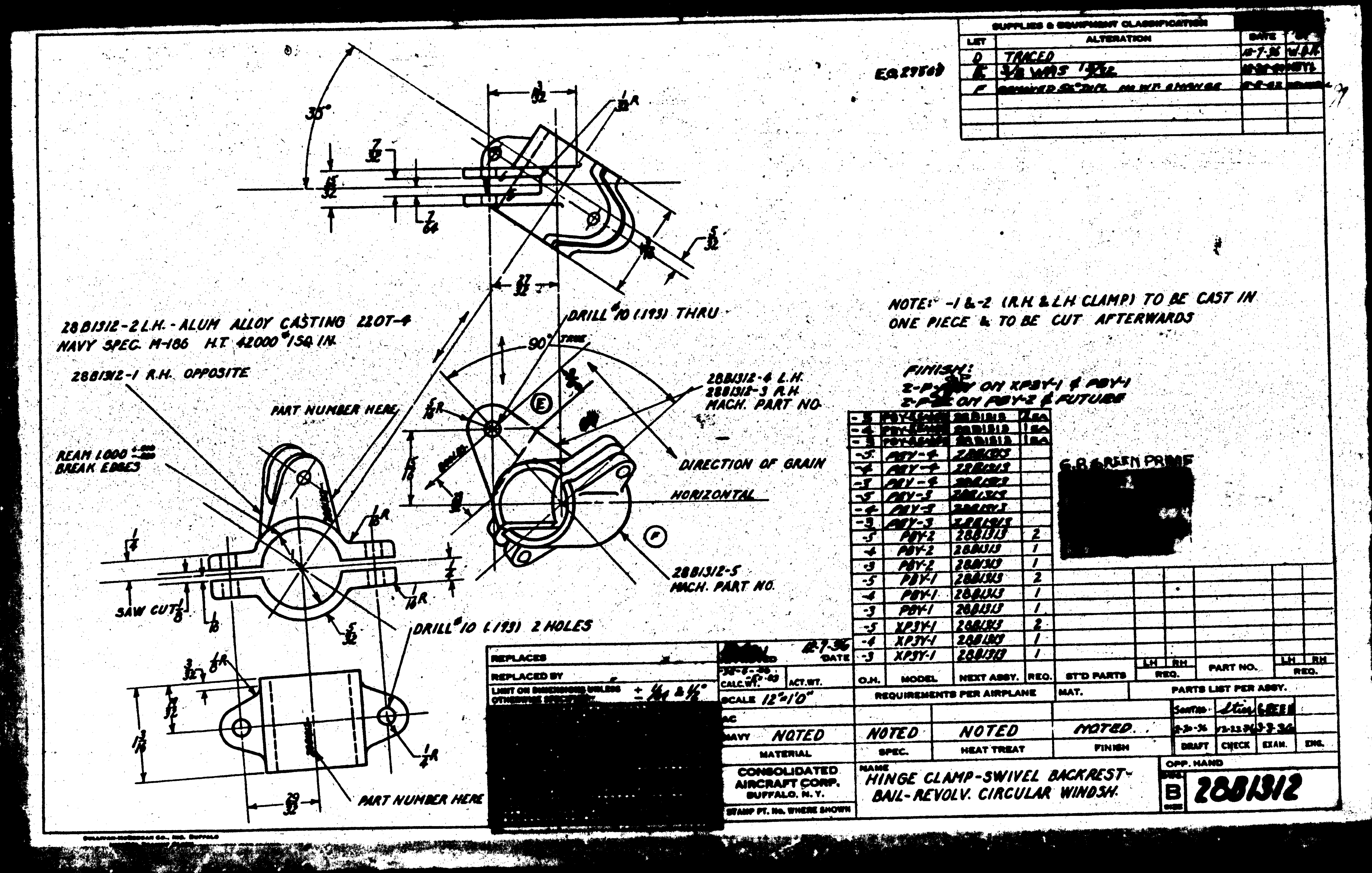
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

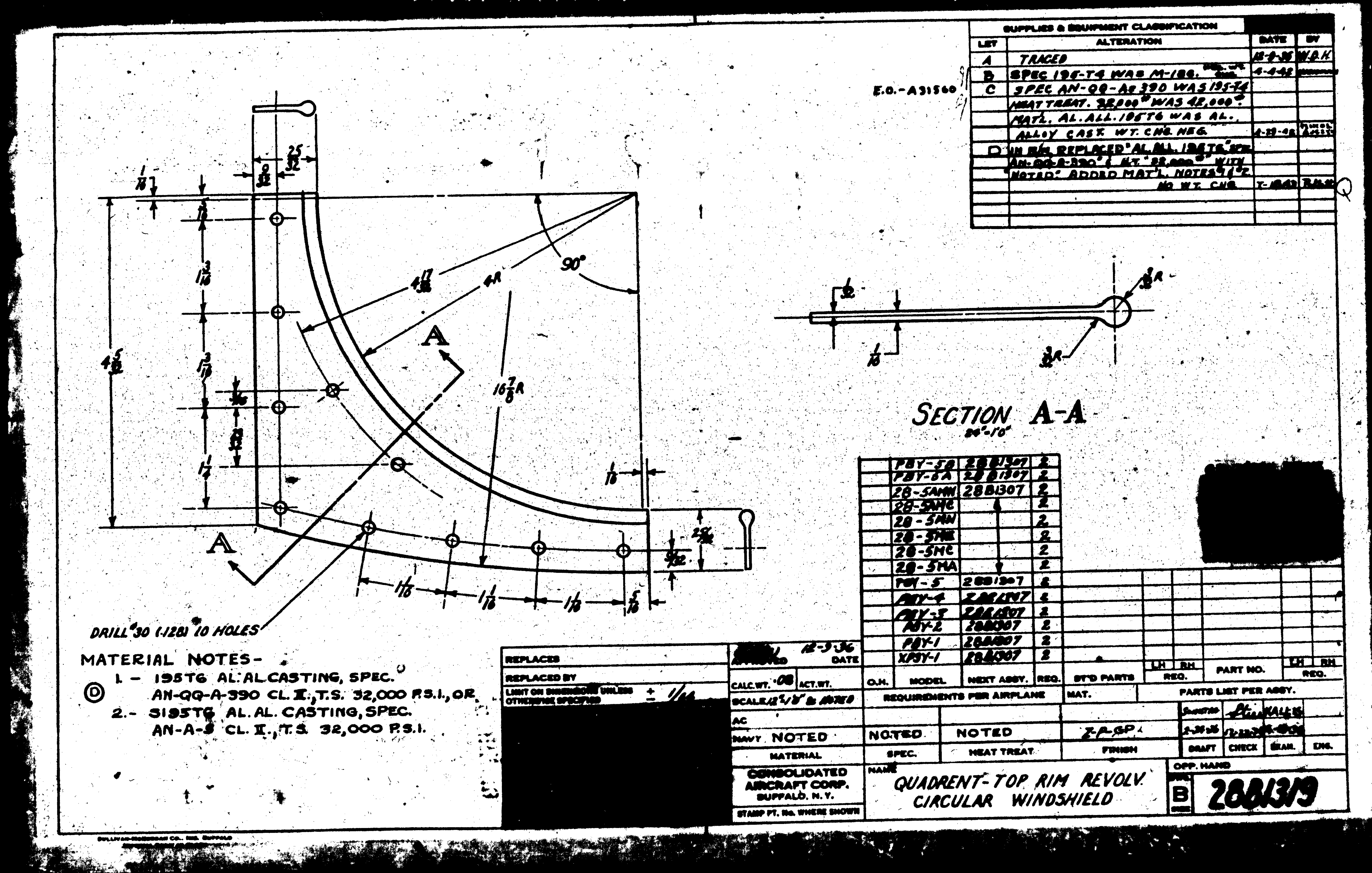
R

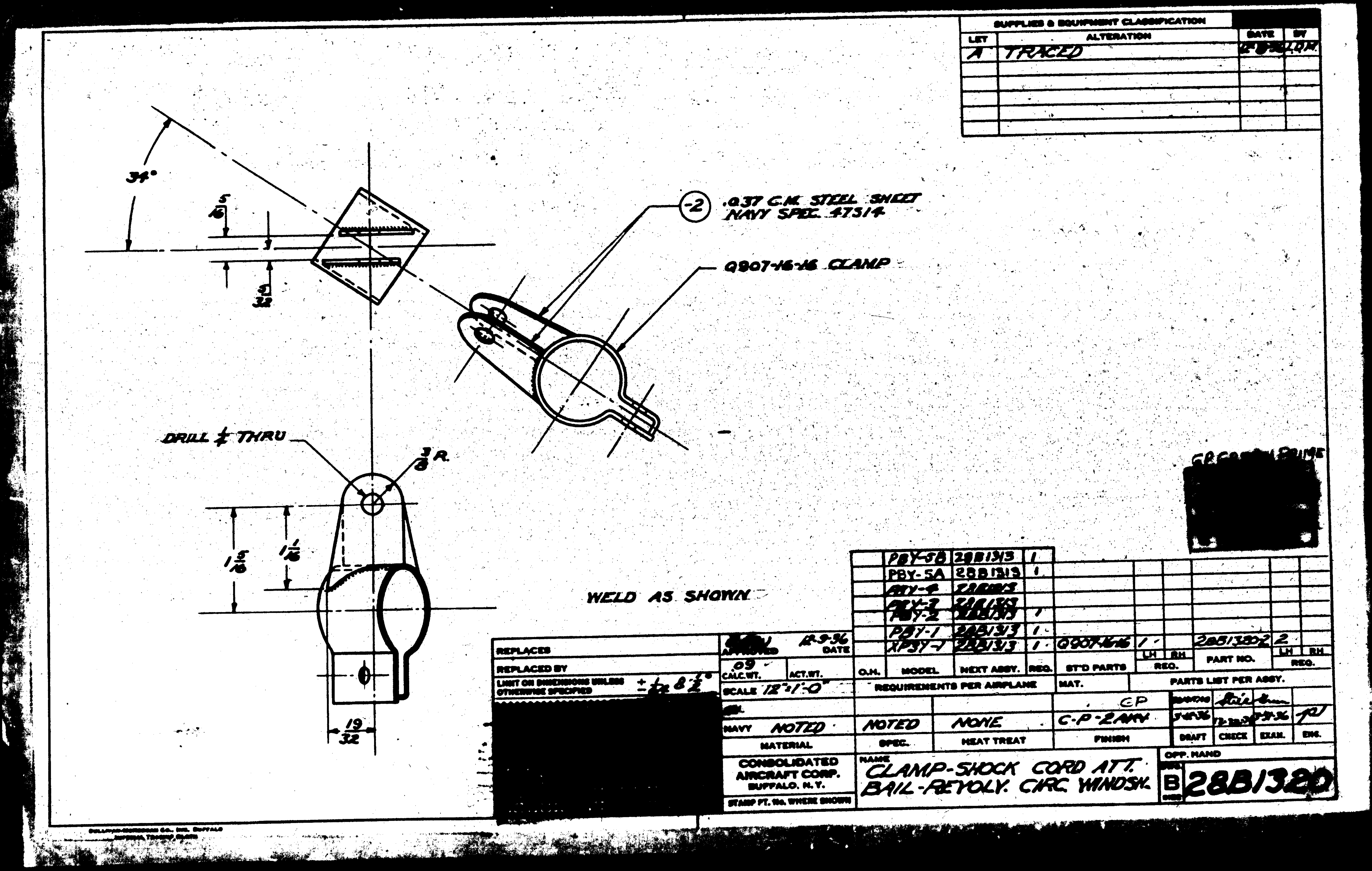


A
REQUIREMENTS PER AIRPLANE
STAMP PART NUMBER WHERE
PARTS LIST PER ASSY
-0 -2 -3 -4 -5
NAME
B 28-1274
CONSOLIDATED AIRCRAFT CORP

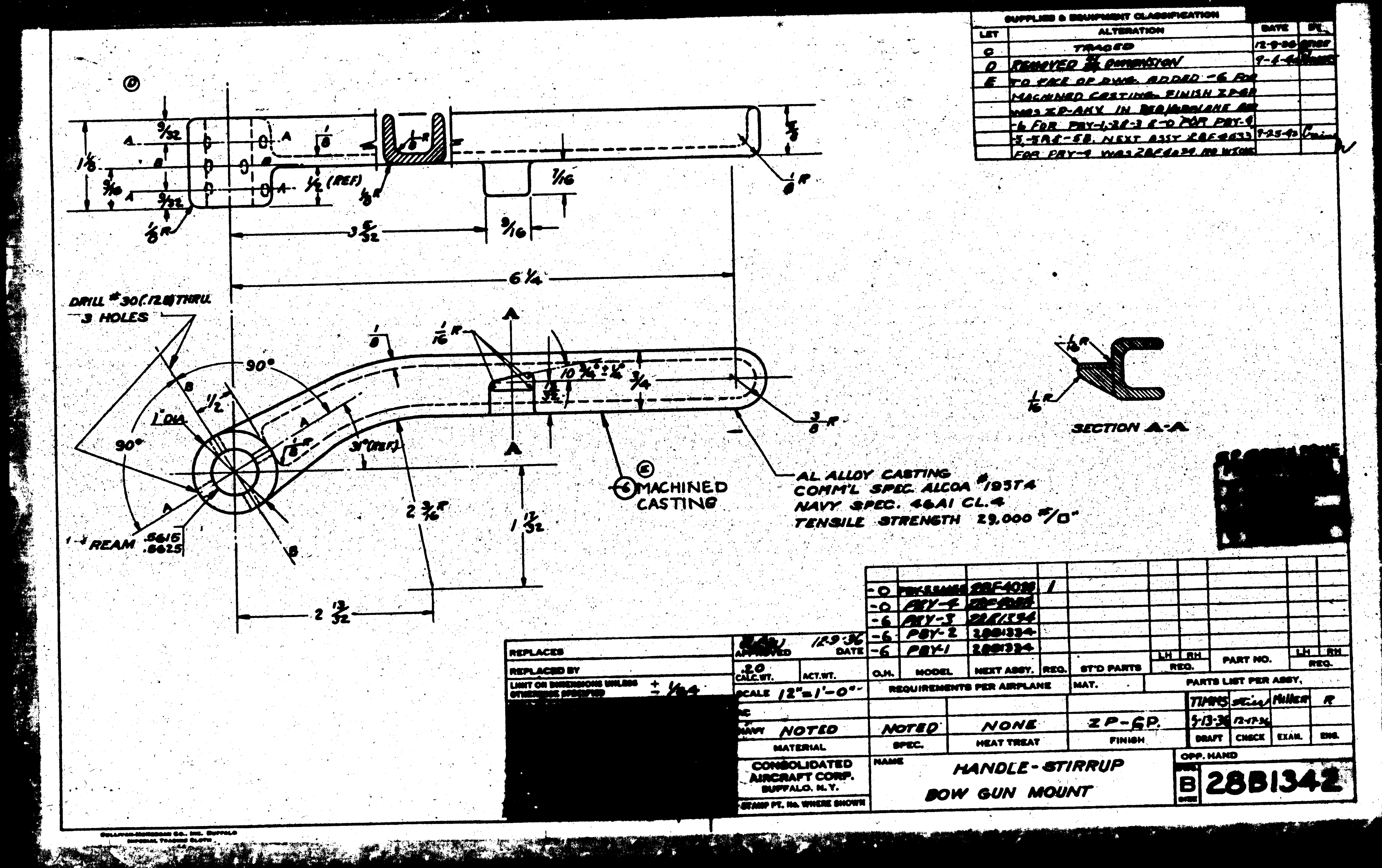

DIRECTION OF GRAIN
REAM .3115-.3125 FOR Q610-6-7 BUSHING
Q610-6-7 BUSHING INSTALL WITH WET PRIMER
DRILL #30 (.128) [redacted] 8 HOLES
PART NO HERE
2881311-2 - ALUM. ALLOY CASTING 220T4 ALLOY NAVY SPEC. M-186 - H.T. 42,000#/□"
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
C | TRACED | 12-11-36
PBY-5A 2881313 2
PBY-4 2881313
PBY-3 2881313
PBY-2 2881313 2
PBY-1 2881313 2
XP3Y-1 2881313 2 Q610-6-7 1 2881311-2 1
PBY-5B 2881313 2
O.N. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
DATE
CALC.WT. .12
ACT.WT.
SCALE 12"=1'0"
NAVY NOTED
MATERIAL
NOTED
SPEC.
NOTED
HEAT TREAT
NOTED
FINISH
SMITHS GREEN
2-20-36 12-22-36 3-6-36
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
HINGE-SWIVEL BACKREST-BAIL-REVOLVING CIRC. WINDSHIELD
OPP. HAND
B 2881311
[redacted]
[redacted]
NOTE: Z-P BEFORE INSERTING BUSHING.
AFTER INSERTING BUSHING:
GP [redacted] ON XP3Y-1 & PBY-1
GP [redacted] ON PBY-2 & FUTURE


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
D TRACED 10-7-36
E 3/8 WAS 13/32
EO 29560
NOTE: -1 & -2 (R.H. & L.H. CLAMP) TO BE CAST IN ONE PIECE & TO BE CUT AFTERWARDS
28B1312-2 L.H. - ALUM ALLOY CASTING 220T-4
NAVY SPEC. M-186 H.T. 42000#/SQ. IN.
28B1312-1 R.H. OPPOSITE
PART NUMBER HERE
REAM 1.000
BREAK EDGES
SAW CUT 1/8
DRILL #10 (.193) THRU
DRILL #10 (.193) 2 HOLES
28B1312-4 L.H.
28B1312-3 R.H.
MACH. PART NO.
DIRECTION OF GRAIN
HORIZONTAL
28B1312-5
MACH. PART NO.
PART NUMBER HERE
30°
90° TRUE
FINISH:
G.A. GREEN PRIME
[redacted]
-5 PBY-2 28B1313 2
-4 PBY-2 28B1313 1
-3 PBY-2 28B1313 1
-5 PBY-1 28B1313 2
-4 PBY-1 28B1313 1
-3 PBY-1 28B1313 1
-5 XP3Y-1 28B1313 2
-4 XP3Y-1 28B1313 1
-3 XP3Y-1 28B1313 1
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS
MAT.
LH RH REQ.
PART NO.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
[redacted]
12-7-36
DATE
CALC. WT.
ACT. WT.
SCALE 12"=1'0"
NAVY NOTED
MATERIAL
NOTED
SPEC.
NOTED
HEAT TREAT
NOTED
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
HINGE CLAMP-SWIVEL BACKREST-BAIL-REVOLV. CIRCULAR WINDSH.
B
28B1312


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A TRACED 12-9-36 W.D.H.
B SPEC 195-T4 WAS M-199.
C SPEC AN-QQ-A-390 WAS 195-T4
HEAT TREAT. 32,000# WAS 42,000#.
MAT'L. AL. ALL. 195T6 WAS AL.
ALLOY CAST. WT. CHG. NEG.
D IN M/M REPLACED "AL. ALL. 195T6" SPEC. AN-QQ-A-390" & H.T. "32,000#" WITH "NOTED" ADDED MAT'L. NOTES 1 & 2.
NO WT. CHG.
E.O.-A31560
SECTION A-A
A
A
90°
4R
16 7/8 R
DRILL #30 (.128) 10 HOLES
MATERIAL NOTES-
D 1. - 195T6 AL. AL. CASTING, SPEC. AN-QQ-A-390 CL. II, T.S. 32,000 P.S.I., OR
2. - S195T6 AL. AL. CASTING, SPEC. AN-A-3 CL. II, T.S. 32,000 P.S.I.
PBY-5B 28B1307 2
PBY-5A 28B1307 2
28-5AMN 28B1307 2
28-5AMC 2
28-5AN 2
28-5ME 2
28-5MC 2
28-5MA 2
PBY-5 28B1307 2
PBY-4 28B1307 2
PBY-3 28B1307 2
PBY-2 28B1307 2
PBY-1 28B1307 2
XP3Y-1 28B1307 2
O.H. MODEL NEXT ASSY. REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
[redacted]
APPROVED 12-3-36 DATE
CALC. WT. .08 ACT. WT.
SCALE 12 2/3" & NOTED
AC
NAVY NOTED
MATERIAL
NOTED
SPEC.
NOTED
HEAT TREAT
Z-P-GP
FINISH
DRAFT CHECK EXAM. ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
QUADRENT-TOP RIM REVOLV. CIRCULAR WINDSHIELD
B
28B1319

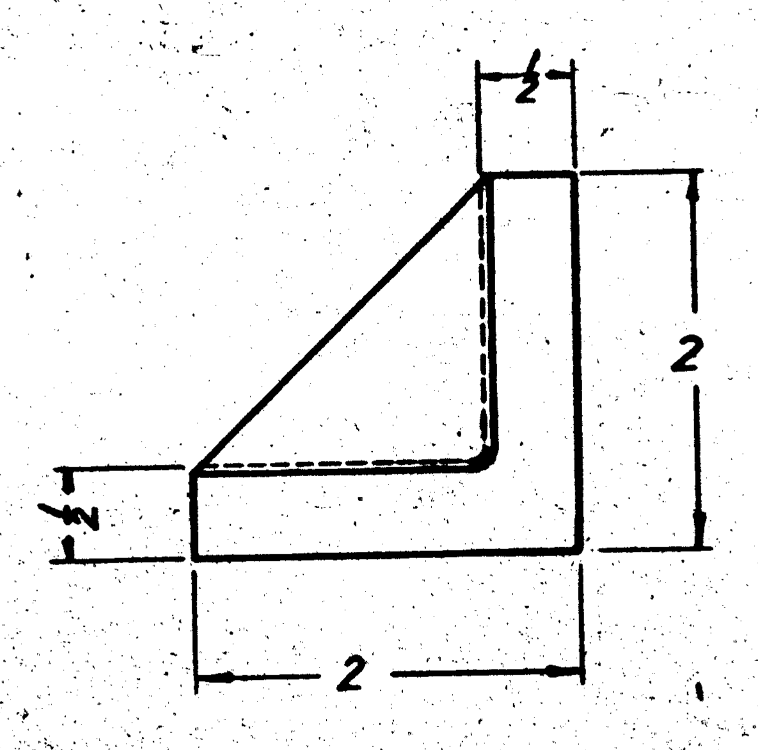


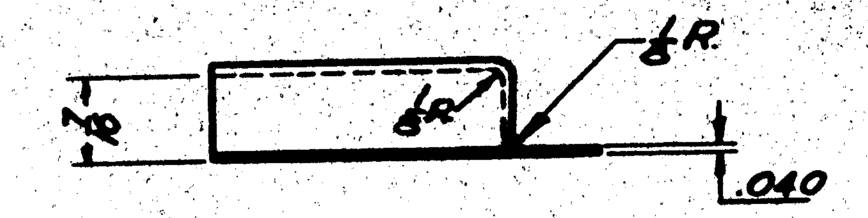
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
34°
-2
.037 C.M. STEEL SHEET
NAVY SPEC. 47S14
Q907-16-16 CLAMP
DRILL 1/4 THRU
3/8 R.
1 5/16
1 1/16
19/32
WELD AS SHOWN
[redacted]
PBY-5B 28B1313 1
PBY-5A 28B1313 1
PBY-2
PBY-1 28B1313 1
XP3Y-1 28B1313 1
Q907-16-16 1
28B1320-2 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE 12-9-36
.09
CALC.WT.
ACT.WT.
SCALE 12"=1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
[redacted]
NAVY NOTED
NOTED
NONE
C-P-2 ANY
CP
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
CLAMP-SHOCK CORD ATT.
BAIL-REVOLV. CIRC. WINDSH.
OPP. HAND
B
28B1320



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
C TRACED 12-9-36
D REMOVED DIMENSION 9-1-4
E TO FACE OF DWG. ADDED -6 FOR
MACHINED CASTING. FINISH ZP-GP
WAS ZP-AKY
-6 FOR PBY-1,2 & -3 & -0 FOR PBY-4
NEXT ASSY 28F4033 9-25-41
FOR PBY-4
DRILL #30(.128)THRU.
3 HOLES
1" DIA.
1-4 REAM .5615 .8625
SECTION A-A
MACHINED CASTING
AL ALLOY CASTING
COMM'L SPEC. ALCOA #195T4
NAVY SPEC. 46A1 CL.4
TENSILE STRENGTH 29,000 #/□"
-0 28F4038 1
-0 PBY-4
-6 PBY-3
-6 PBY-2 28B1334
-6 PBY-1 28B1334
APPROVED 12-9-36 DATE
.20 CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NAVY NOTED
MATERIAL
NOTED
SPEC.
NONE
HEAT TREAT
ZP-GP.
FINISH
TIMMS Miller R
5-13-36 12-17-36
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
HANDLE-STIRRUP
BOW GUN MOUNT
OPP. HAND
B SIZE
28B1342

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	2-24-37	[illegible]
B	REMOVED WELD NOTES [illegible]	6-19-40	[illegible]





[redacted]

FINISH:
Z-P-[illegible] ON PBY-1
Z-P-2[illegible] ON PBY-2 & FUTURE

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5A	28B1990	4
	PBY-5	28B1990-1	
	PBY-5	28B1990	
	PBY-3-4	28B1990-1	
	PBY-3-4	28B1990	
	PBY-2	28B1990-1	
	PBY-2	28B1990	
	PBY-1	28B1990-1	
	PBY-1	28B1990	
	PBY-5B	28B1990	4

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/64
[redacted]	

[redacted] APPROVED	2-24-37 DATE
CALC. WT. .017	ACT. WT.
SCALE 12" = 1'-0"	

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC			
NAVY AL. ALLOY SHEET (B2801)	17ST TEMPER A	NONE	NOTED

DRAFT	CHECK	EXAM.	ENG.
12-8-36 [illegible]			
S.V.N.	2-24-37	H.W.H.	

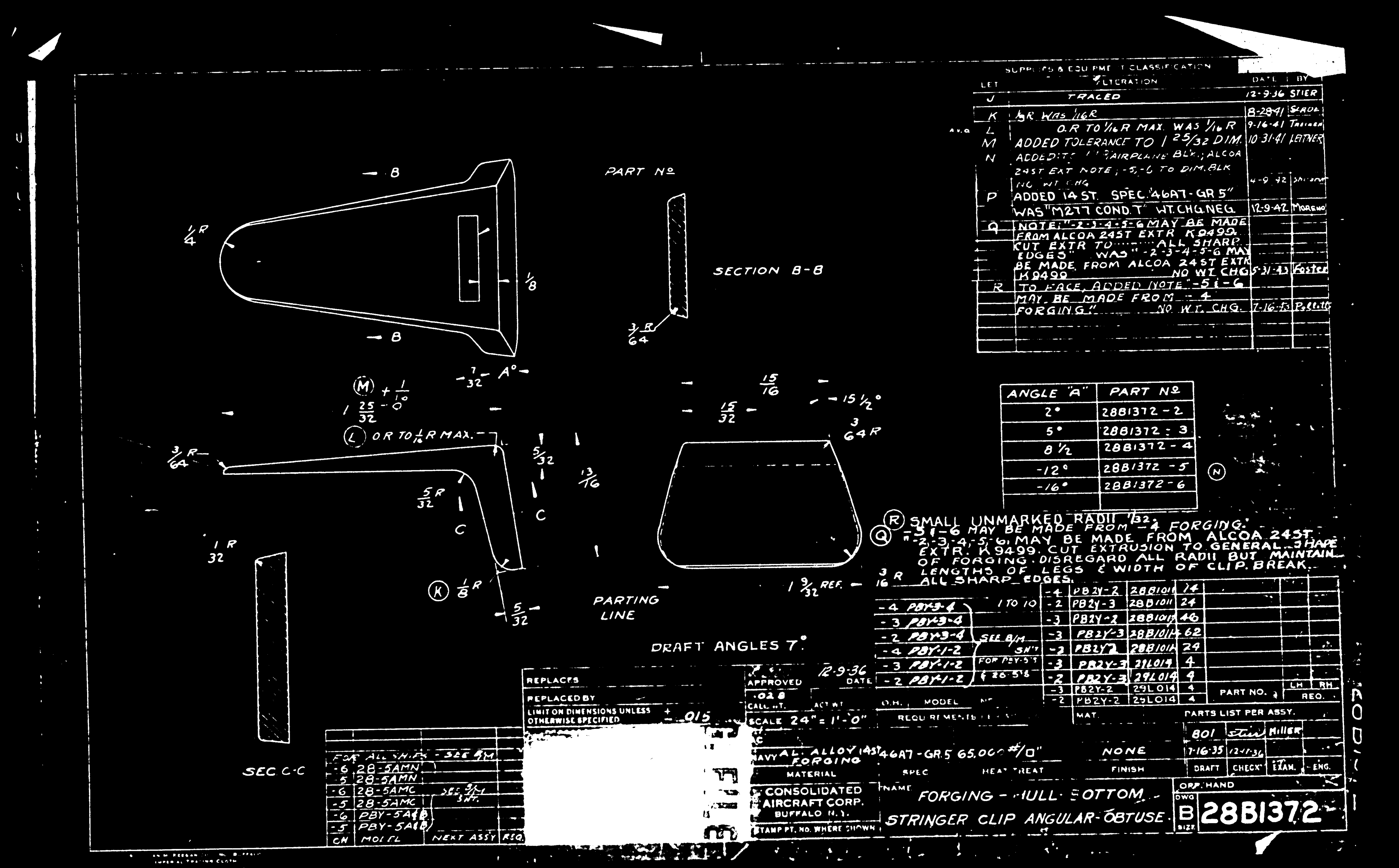
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

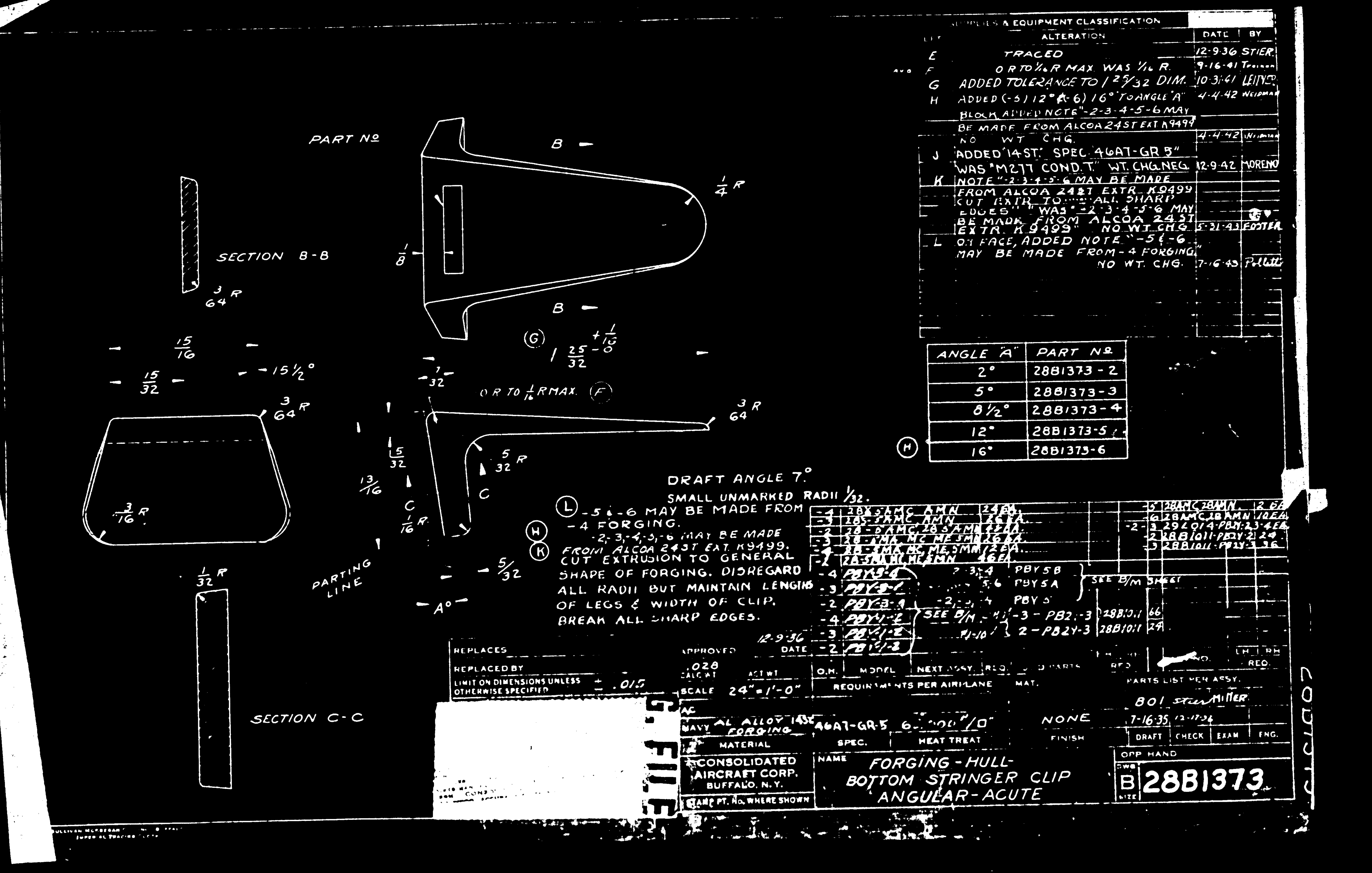
NAME: REINFORCEMENT - HULL - MECHANIC'S WINDOW - CORNER

OPP. HAND

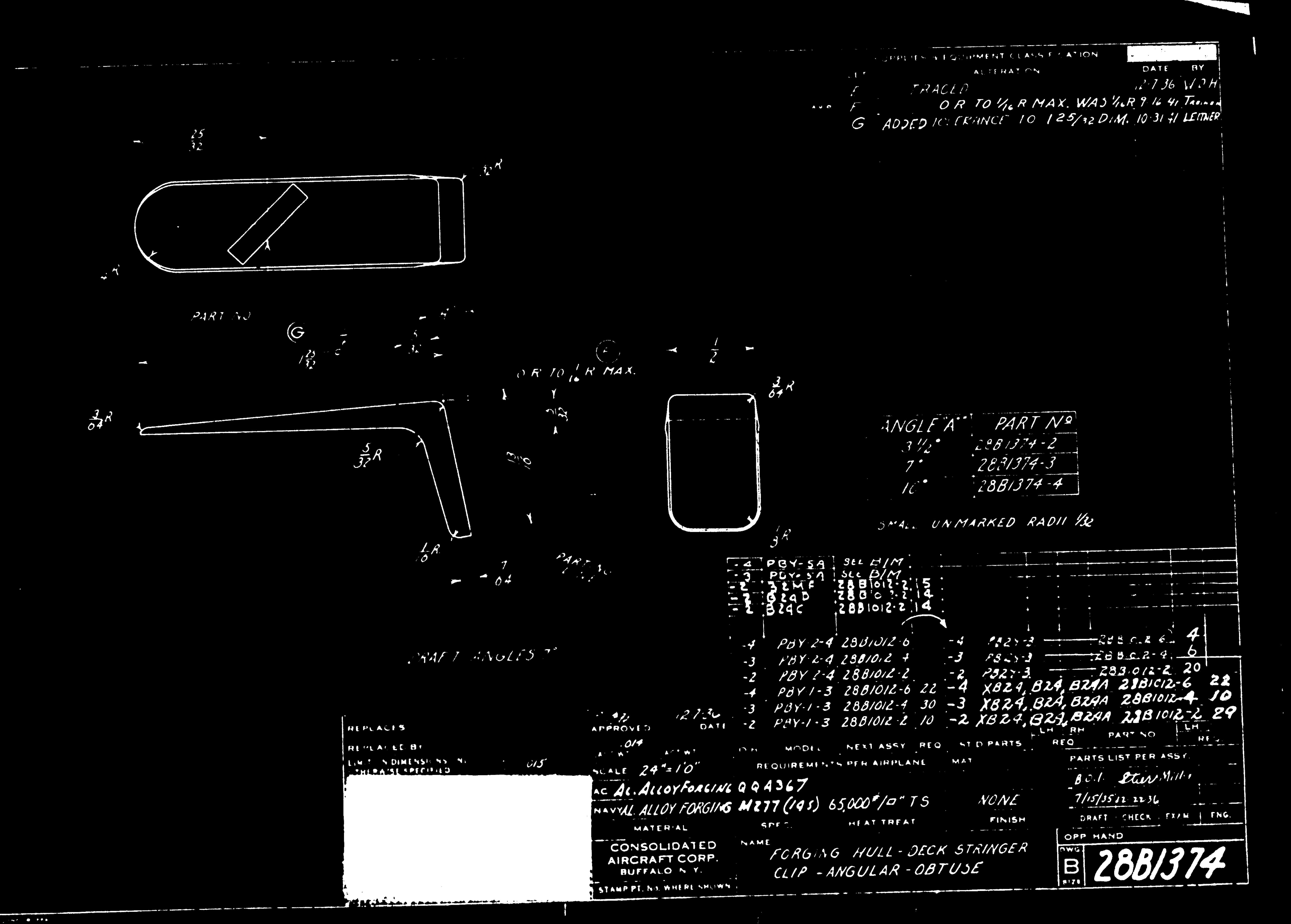
DWG. SIZE B — 28B1362



LET
ALTERATION
DATE
BY
J TRACED 12-9-36 STIER
K 1/8R WAS 1/16R
L 0.R TO 1/16R MAX. WAS 1/16R 9-16-41
M ADDED TOLERANCE TO 1 25/32 DIM. 10-31-41
N ADDED ... AIRPLANE BLK; ALCOA 24ST EXT NOTE; -5, -6 TO DIM. BLK
P ADDED 14 ST. SPEC. 46A7-GR 5" WAS "M277 COND. T" WT. CHG. NEG. 12-9-42
Q NOTE: "-2-3-4-5-6 MAY BE MADE FROM ALCOA 24ST EXTR K9499. CUT EXTR TO ... ALL SHARP EDGES" WAS "-2-3-4-5-6 MAY BE MADE FROM ALCOA 24ST EXTR K9499 NO WT CHG 5-31-43
R TO FACE, ADDED NOTE "-5 & -6 MAY BE MADE FROM -4 FORGING." NO. WT. CHG. 7-16-43
PART NO
SECTION B-B
B
1/4 R
1/8
3/64 R
7/32
A°
M + 1/10 - 0
1 25/32
L 0.R TO 1/16 R MAX.
3/64 R
5/32
13/16
15/16
15/32
15 1/2°
3/64 R
5/32 R
C
K 1/8 R
5/32
1/32 R
1 9/32 REF.
3/16 R
PARTING LINE
DRAFT ANGLES 7°
SEC C-C
ANGLE "A" | PART NO
2° 28B1372-2
5° 28B1372-3
8 1/2 28B1372-4
-12° 28B1372-5
-16° 28B1372-6
N
R SMALL UNMARKED RADII 1/32.
"-5 & -6 MAY BE MADE FROM -4 FORGING."
Q "-2-3-4-5-6 MAY BE MADE FROM ALCOA 24ST EXTR. K9499. CUT EXTRUSION TO GENERAL SHAPE OF FORGING. DISREGARD ALL RADII BUT MAINTAIN LENGTHS OF LEGS & WIDTH OF CLIP. BREAK ALL SHARP EDGES."
-4 PB2Y-2 28B1011 14
-2 PB2Y-3 28B1011 24
-3 PB2Y-2 28B1011 46
-3 PB2Y-3 28B1011 62
-2 PB2Y-2 28B1011 24
-3 PB2Y-3 29L014 4
-2 PB2Y-3 29L014 4
-3 PB2Y-2 29L014 4
-2 PB2Y-2 29L014 4
-4 PBY-3-4
-3 PBY-3-4
-2 PBY-3-4
-4 PBY-1-2
-3 PBY-1-2
-2 PBY-1-2
1 TO 10
SEE B/M SH'T
FOR PBY-5'S & 28-5'S
PART NO.
LH
RH
REQ.
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
APPROVED
12-9-36 DATE
.028 CALC. WT.
ACT WT
SCALE 24" = 1'-0"
O.H. MODEL
REQUIREMENTS
FOR ALL SHIPS - SEE B/M
-6 28-5AMN
-5 28-5AMN
-6 28-5AMC
-5 28-5AMC
-6 PBY-5A
-5 PBY-5A
SEE B/M SH'T
CH MODEL NEXT ASSY REQ.
NAVY AL. ALLOY (14ST) FORGING
MATERIAL
46A7-GR.5 65,000 #/□"
SPEC
HEAT TREAT
NONE
FINISH
801 Stier Miller
7-16-35 12-1-36
DRAFT CHECK EXAM. ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO N.Y.
STAMP PT. NO. WHERE SHOWN
NAME FORGING - HULL BOTTOM STRINGER CLIP ANGULAR-OBTUSE
DWG B SIZE 28B1372



SUPPLIES & EQUIPMENT CLASSIFICATION
ALTERATION
DATE
BY
E TRACED 12-9-36 STIER
F 0 R TO 1/16 R MAX. WAS 1/16 R. 9-16-41
G ADDED TOLERANCE TO 1 25/32 DIM. 10-3-41
H ADDED (-5) 12° (-6) 16° TO ANGLE "A" 4-4-42
BLOCK ADDED NOTE "-2-3-4-5-6 MAY BE MADE FROM ALCOA 24ST EXT K9499" NO WT. CHG. 4-4-42
J ADDED "14ST." SPEC. 46A7-GR 5" WAS "M277 COND. T." WT. CHG. NEG. 12-9-42 MORENO
K NOTE "-2-3-4-5-6 MAY BE MADE FROM ALCOA 24ST EXTR. K9499 CUT EXTR. TO ... ALL SHARP EDGES" WAS "-2-3-4-5-6 MAY BE MADE FROM ALCOA 24ST EXTR. K9499" NO WT. CHG. 5-21-43 FOSTER
L ON FACE, ADDED NOTE "-5 & -6 MAY BE MADE FROM -4 FORGING" NO WT. CHG. 7-16-43
PART №
SECTION B-B
B
1/4 R
1/8
3/64 R
15/16
15/32
15 1/2°
3/64 R
3/16 R
1/32 R
SECTION C-C
G
1 25/32 +1/16 -0
7/32
0 R TO 1/16 R MAX. F
3/64 R
5/32
5/32 R
13/16
C
1/16 R
PARTING LINE
5/32
A°
ANGLE "A" | PART №
2° | 28B1373-2
5° | 28B1373-3
8 1/2° | 28B1373-4
12° | 28B1373-5
16° | 28B1373-6
H
DRAFT ANGLE 7°
SMALL UNMARKED RADII 1/32.
L -5 & -6 MAY BE MADE FROM -4 FORGING.
H K -2,-3,-4,-5,-6 MAY BE MADE FROM ALCOA 24ST EXT. K9499. CUT EXTRUSION TO GENERAL SHAPE OF FORGING. DISREGARD ALL RADII BUT MAINTAIN LENGTHS OF LEGS & WIDTH OF CLIP.
BREAK ALL SHARP EDGES.
PBY5B
PBY5A
PBY5
SEE B/M SHEET
PB2-3
PB2Y-3
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
APPROVED 12-9-36 DATE
.028 CALC WT
ACT WT
SCALE 24" = 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
801 STIER MILLER
NAVY AL ALLOY 14ST FORGING
MATERIAL
46A7-GR-5
SPEC.
HEAT TREAT
NONE
FINISH
7-16-35
DRAFT CHECK EXAM ENG.
OPP HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME FORGING-HULL-BOTTOM STRINGER CLIP ANGULAR-ACUTE
B 28B1373

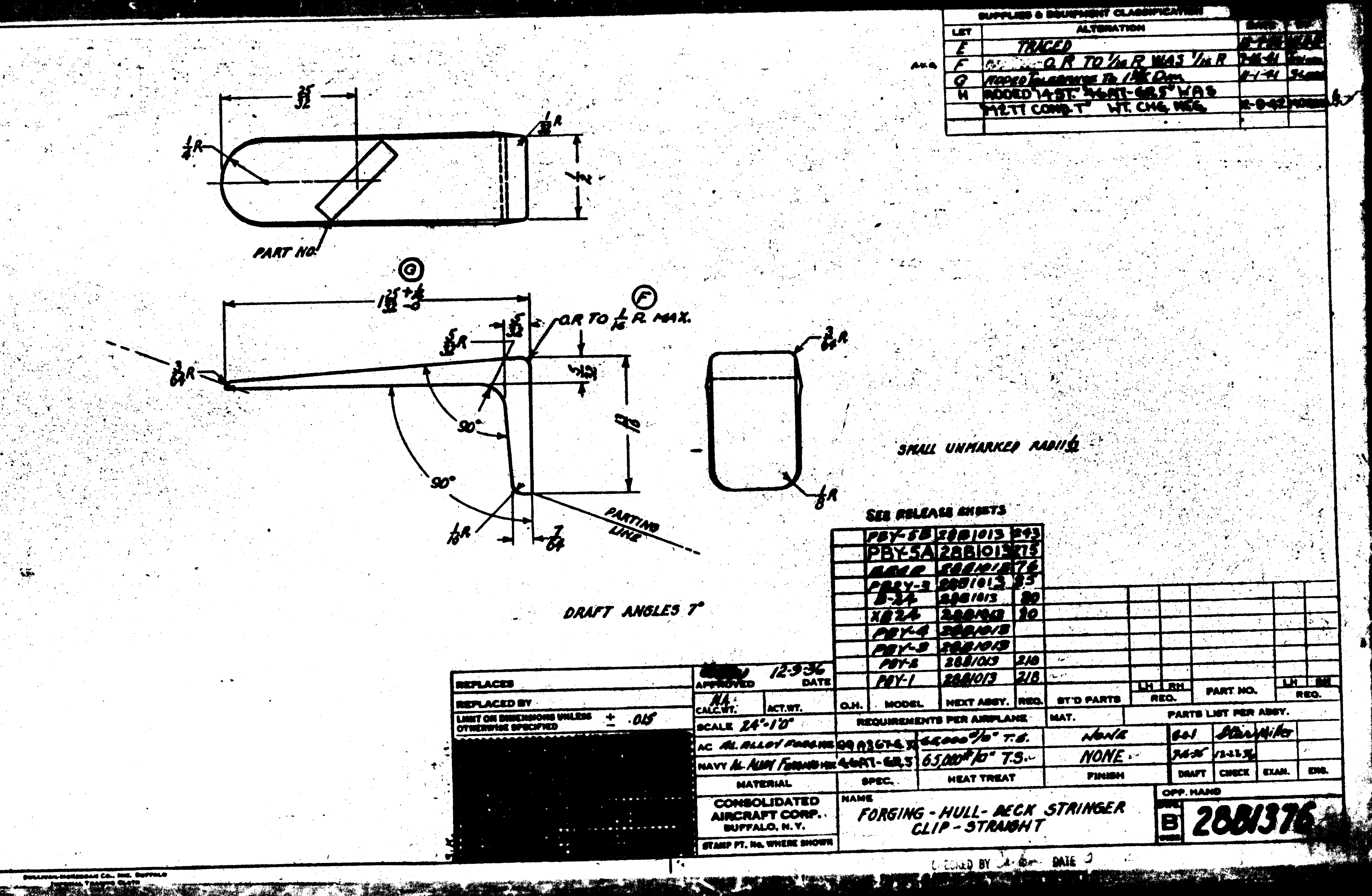

ALTERATION
DATE
BY
TRACED
12-7-36 WDH
O R TO 1/16 R MAX. WAS 1/16 R 9-16-41
G ADDED TOLERANCE TO 1 25/32 DIM. 10-31-41 LEITNER
25/32
PART NO
O R TO 1/16 R MAX.
3/64 R
5/32 R
1/2
ANGLE "A"
PART NO
3 1/2°
28B1374-2
7°
28B1374-3
10°
28B1374-4
SMALL UNMARKED RADII 1/32
DRAFT ANGLES 7°
-4 PBY-5A SEE B/M
-3 PBY-5A SEE B/M
-2 32MF 28B1012-2 15
-2 B24D 28B1012-2 14
-2 B24C 28B1012-2 14
-4 PBY-2-4 28B1012-6
-3 PBY-2-4 28B1012-4
-2 PBY-2-4 28B1012-2
-4 PBY-1-3 28B1012-6 22
-3 PBY-1-3 28B1012-4 30
-2 PBY-1-3 28B1012-2 10
-4 PB2Y-3 28B1012-6 4
-3 PB2Y-3 28B1012-4 6
-2 PB2Y-3 28B1012-2 20
-4 XB24, B24, B24A 28B1012-6 22
-3 XB24, B24, B24A 28B1012-4 10
-2 XB24, B24, B24A 28B1012-2 29
REPLACES
REPLACED BY
APPROVED
DATE
DASH NO.
MODEL
NEXT ASSY
REQ
STD PARTS
LH
RH
PART NO
REQ
REQUIREMENTS PER AIRPLANE
MAT
PARTS LIST PER ASSY.
SCALE 24"=1'0"
AC AL. ALLOY FORGING QQA367
NAVY AL. ALLOY FORGING M277 (14S) 65,000#/□" TS
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
7/15/35
DRAFT
CHECK
EXAM
ENG.
OPP HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO N.Y.
NAME
FORGING HULL-DECK STRINGER CLIP - ANGULAR - OBTUSE
DWG SIZE B
28B1374
STAMP PT. NO. WHERE SHOWN

-2	[illegible]	28B[illegible]-3	} SEE B/M
-2	B24D	28B[illegible]	
-2	B24C	28B[illegible]	

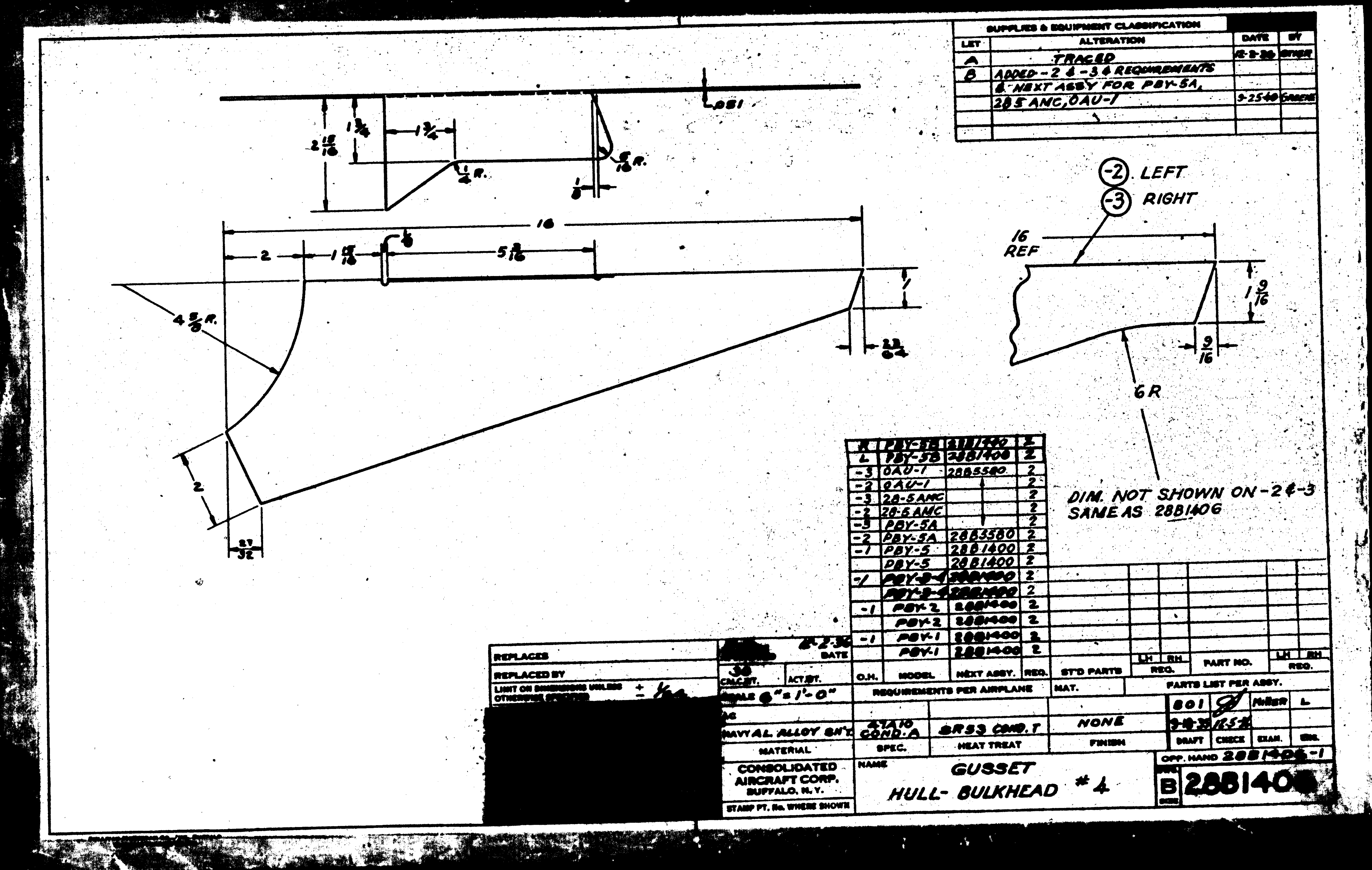
28B1012-7	28
28B1012-5	10
28B1012-3	16

CONSOLIDATED AIRCRAFT

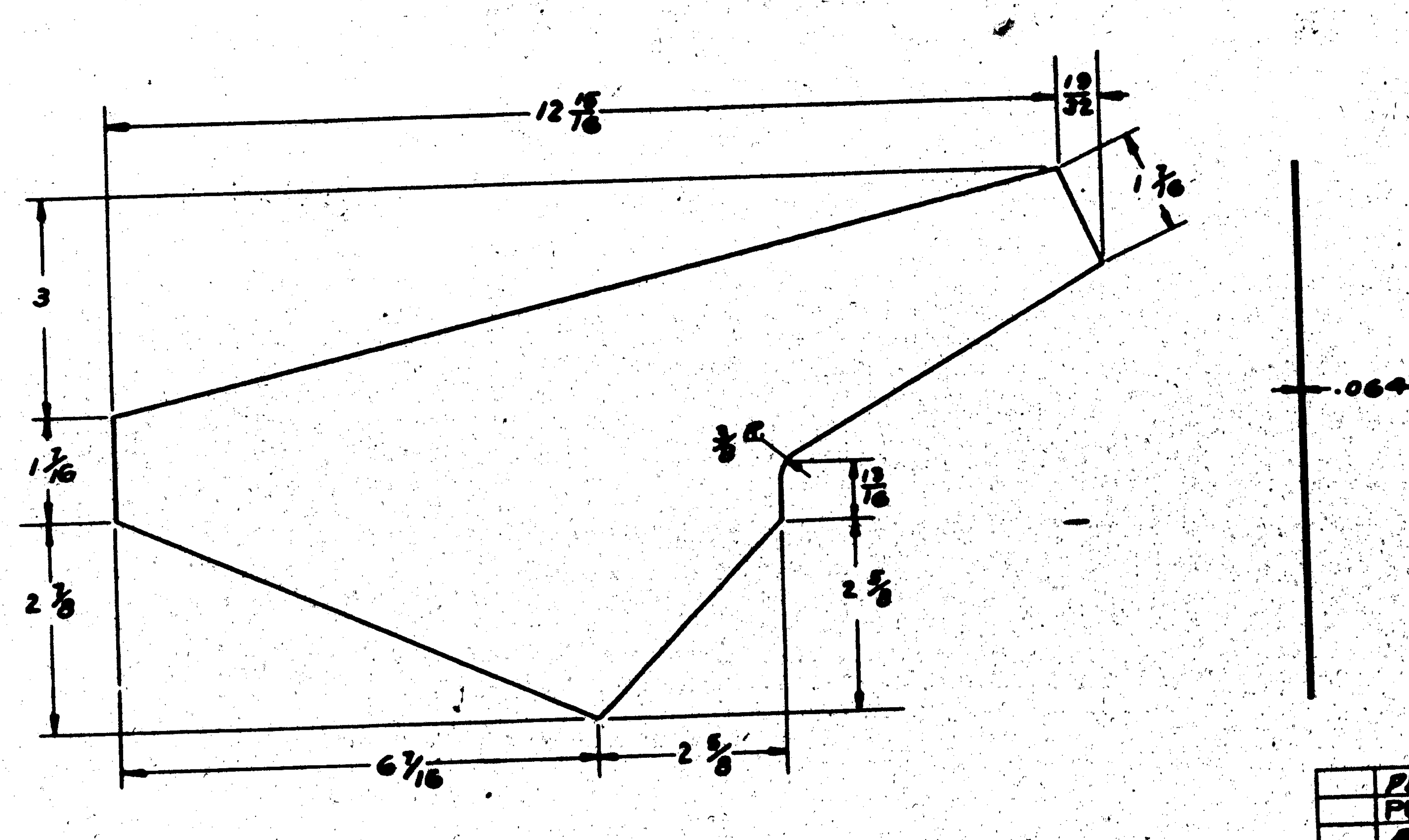
28B1375

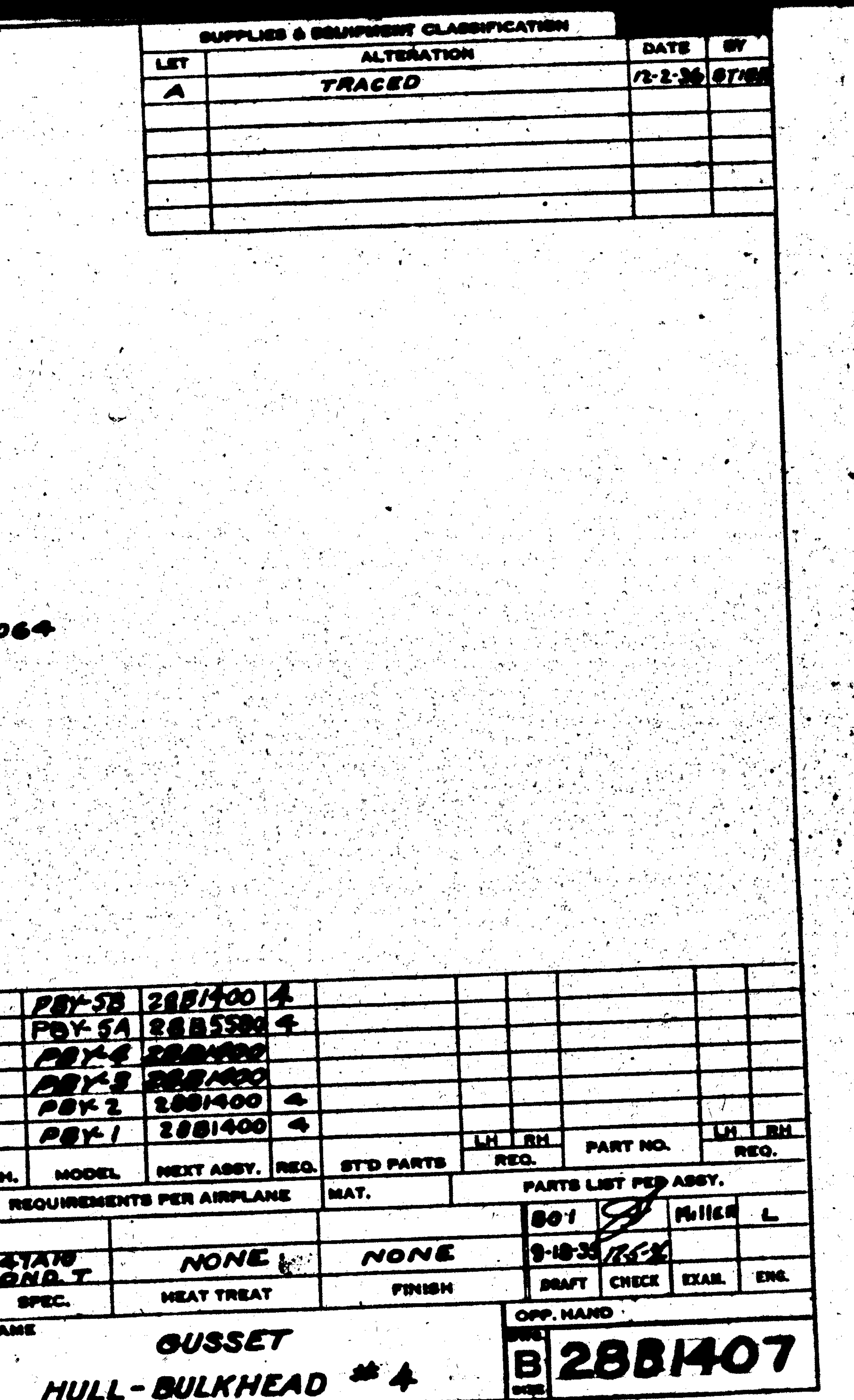


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
E TRACED
F O R TO 1/16 R WAS 1/16 R
G
H ADDED 14 ST. 46AT-6R.5 WAS
17ST COND. T WT. CHG. NEG.
PART NO.
DRAFT ANGLES 7°
SMALL UNMARKED RADII
PARTING LINE
O R TO 1/16 R MAX.
90°
90°
SEE RELEASE SHEETS
PBY-5B 28B1013 343
PBY-5A 28B1013 275
28B1013 76
PBY-3 28B1013 35
B-24 28B1013 20
XB24 28B1013 20
PBY-4 28B1013
PBY-3 28B1013
PBY-2 28B1013 218
PBY-1 28B1013 218
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS
MAT.
LH RH REQ.
PART NO.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
APPROVED 12-9-36 DATE
CALC. WT. NA
ACT. WT.
SCALE 24"-1'0"
AC AL. ALLOY FORGING
65,000#/□" T.S.
NONE
NAVY AL. ALLOY FORGING 46AT-6R.5
65,000#/□" T.S.
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
FORGING - HULL - DECK STRINGER CLIP - STRAIGHT
B 28B1376
CHECKED BY DATE



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 12-2-36
B | ADDED -2 & -3 & REQUIREMENTS & NEXT ASSY FOR PBY-5A, 28-5 ANC, OAU-1 | 9-25-40
-2 LEFT
-3 RIGHT
16 REF
1 9/16
9/16
6 R
DIM. NOT SHOWN ON -2 & -3 SAME AS 28B1406
.051
2 15/16
1 3/4
1 3/4
1/4 R.
5/16 R.
1/8
16
2
1 15/16
1/8
5 3/16
1
23/64
4 5/8 R.
2
27/32
R | PBY-5B | 28B1400 | 2
L | PBY-5B | 28B1400 | 2
-3 | OAU-1 | 28B3580 | 2
-2 | OAU-1 | | 2
-3 | 28-5 ANC | | 2
-2 | 28-5 ANC | | 2
-3 | PBY-5A | | 2
-2 | PBY-5A | 28B3580 | 2
-1 | PBY-5 | 28B1400 | 2
| PBY-5 | 28B1400 | 2
-1 | PBY-3-4 | 28B1400 | 2
| PBY-3-4 | 28B1400 | 2
-1 | PBY-2 | 28B1400 | 2
| PBY-2 | 28B1400 | 2
-1 | PBY-1 | 28B1400 | 2
| PBY-1 | 28B1400 | 2
O.H. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
[redacted]
12-2-36 DATE
CALC. WT. | ACT. WT.
SCALE 6" = 1'-0"
NAVY AL. ALLOY SH'T. | 47A10 COND. A | SR53 COND. T | NONE
MATERIAL | SPEC. | HEAT TREAT | FINISH
801 | MILLER | L
9-18-36 | 12-5-36
DRAFT | CHECK | EXAM. | ENG.
OPP. HAND 28B1406-1
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME GUSSET HULL - BULKHEAD # 4
B 28B1406





SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-2-36	ST[illegible]

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28B1400	4
	PBY-5A	28B5580	4
	~~PBY-4~~	~~28B1400~~	
	~~PBY-3~~	~~28B1400~~	
	PBY-2	28B1400	4
	PBY-1	28B1400	4

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
MAT.			PARTS LIST PER ASSY.		

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED [redacted] 12-2-36 DATE

.29 CALC. WT.	ACT. WT.			
SCALE 6" = 1'-0"				
AC				
NAVY AL ALLOY SH'T.	24ST ALCLAD COND. T	NONE	NONE	
MATERIAL	SPEC.	HEAT TREAT	FINISH	

801	[signature]	Miller	L
9-18-35	12-5-36		
DRAFT	CHECK	EXAM.	ENG.

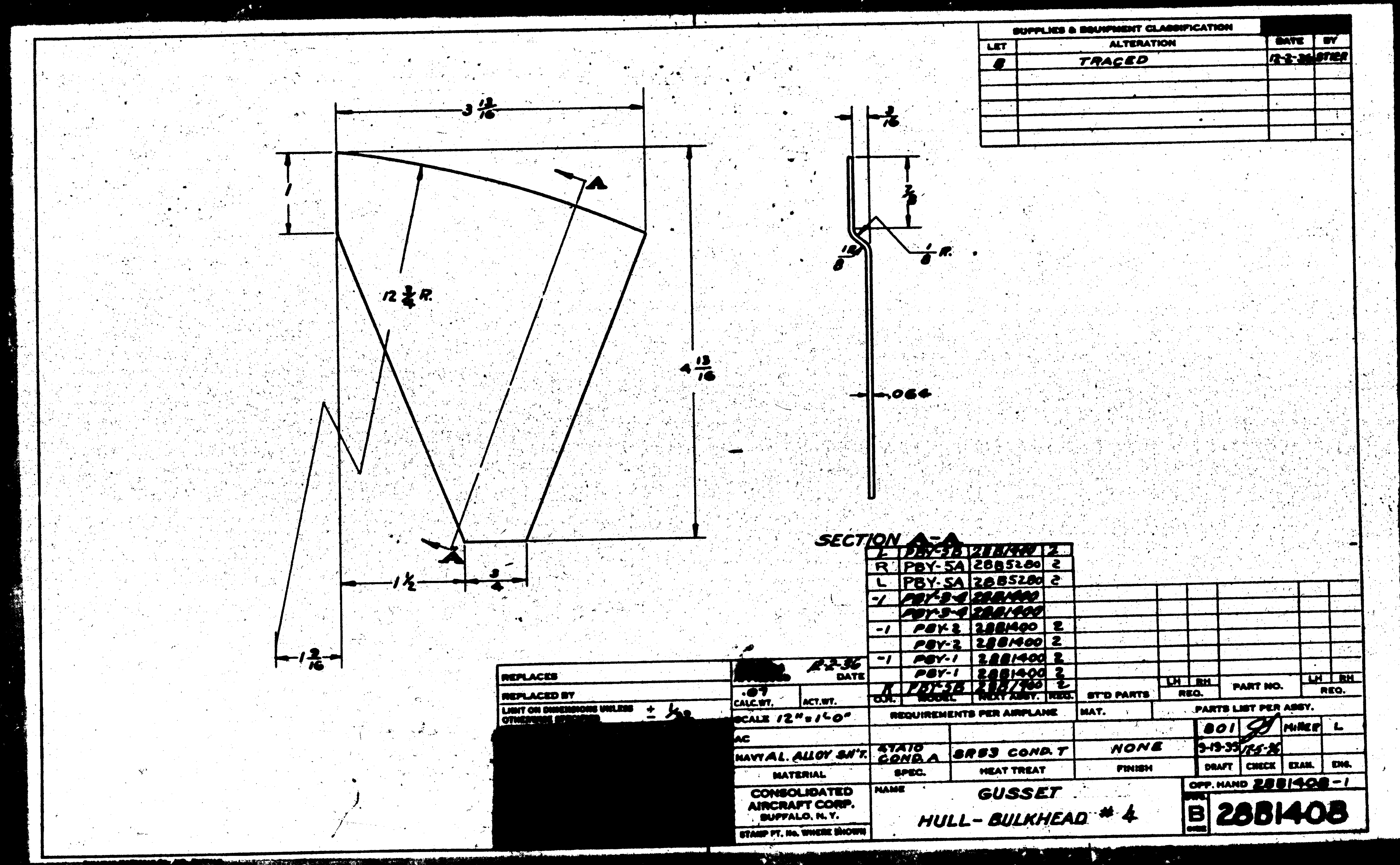
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

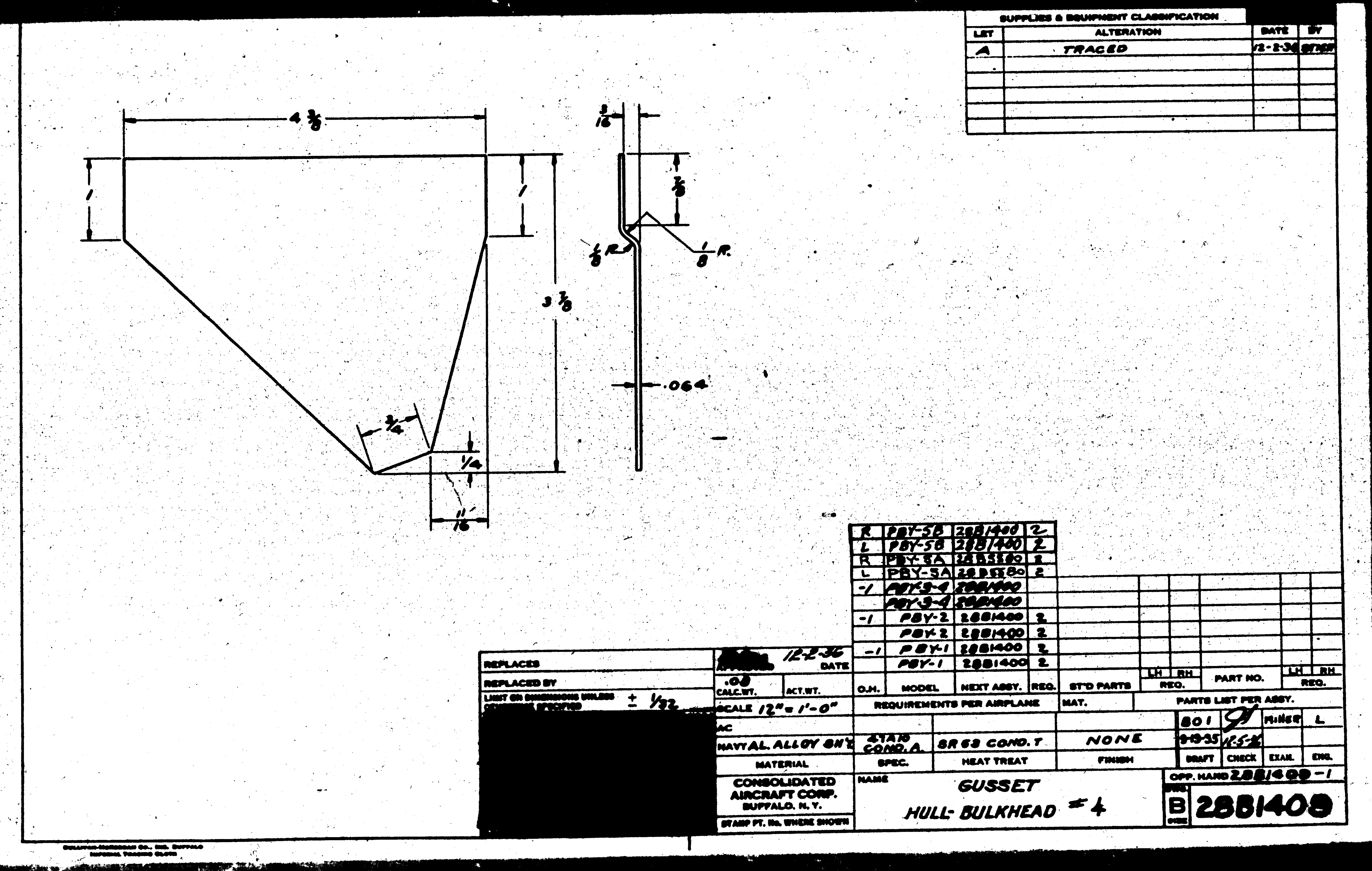
STAMP PT. No. WHERE SHOWN

NAME GUSSET HULL-BULKHEAD #4

DWG. SIZE B 28B1407

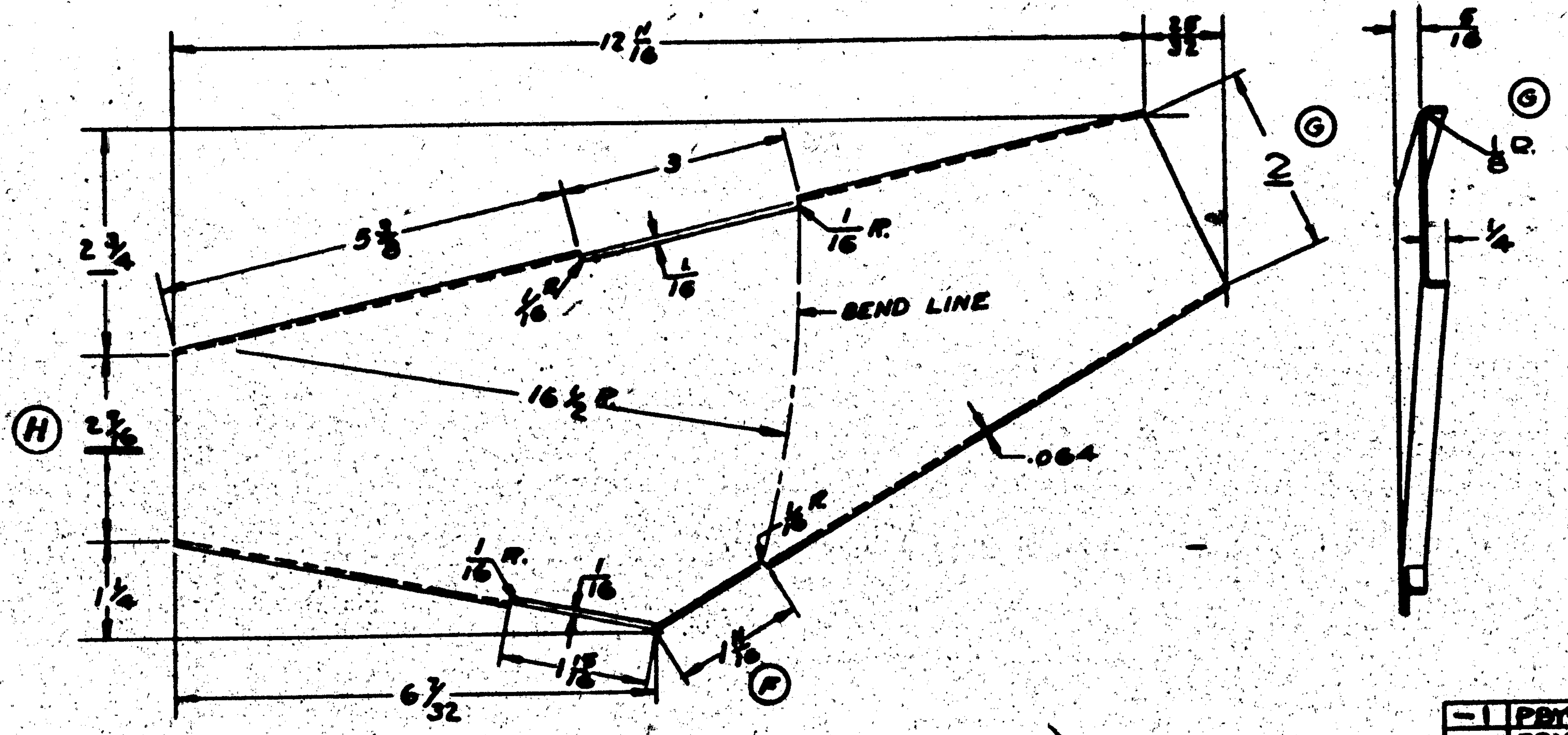


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
12-2-36
3 13/16
A
1
12 3/4 R.
4 13/16
1 1/2
3/4
1 2/16
3/16
3/8
1/8 R.
.064
SECTION A-A
PBY-5A 2885280 2
PBY-5A 2885280 2
PBY-3-4 2881400
PBY-2 2881400 2
PBY-1 2881400 2
ON. MODEL NEXT ASSY. REQ.
STD PARTS
REQ.
PART NO.
LH RH
PARTS LIST PER ASSY.
REQUIREMENTS PER AIRPLANE
MAT.
REPLACES
REPLACED BY
[redacted]
12-2-36
DATE
.07
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
NAVY AL. ALLOY SH'T.
24ST
COND. A
SR53 COND. T
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
801
Miller
L
9-19-35
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND 2881408-1
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET
HULL-BULKHEAD #4
B
2881408



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
12-2-36
4 3/8
1
1
3 7/8
3/4
1/4
11/16
3/16
7/8
1/8 R.
1/8 R.
.064
R PBY-5B 2881400 2
L PBY-5B 2881400 2
R PBY-5A 2885580 2
L PBY-5A 2885580 2
-1 PBY-3-4 2881400
PBY-3-4 2881400
-1 PBY-2 2881400 2
PBY-2 2881400 2
-1 PBY-1 2881400 2
PBY-1 2881400 2
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
12-2-36
DATE
.03
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AC
NAVY AL. ALLOY SH'T
MATERIAL
STA 10 COND. A
SPEC.
SR 63 COND. T
HEAT TREAT
NONE
FINISH
801
MINER
L
9-19-35
12-5-36
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET
HULL- BULKHEAD # 4
OPP. HAND 2881408-1
B
SIZE
2881408

SUPPLIES & EQUIPMENT CLASSIFICATION		[redacted]	
LET	ALTERATION	DATE	BY
E	TRACED	12-3-36	[illegible]
F	1 3/16 DIM. CHANGED TO 1 1/8	12-3-36	[illegible]
G	WIDTH WAS 1 7/8 BEND R. WAS 1/16	[illegible]	[illegible]
E.O. 22710 H	DIM. 2 3/16 WAS 2 1/16	12-5-40	[illegible]



O.H.	MODEL	NEXT ASSY.	REQ.
-1	PBY-5A	28D5580	2 EA
	PBY-5A	28D5580	2 EA
-1	PBY-5&5B	28B1400	2 EA
	PBY-5&5B	28B1400	2 EA
-1	PBY-3-4	28B1400	
	PBY-3-4	28B1400	
-1	PBY-2	28B1400	2
	PBY-2	28B1400	2
-1	PBY-1	28B1400	2
	PBY-1	28B1400	2

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

[redacted] 12-3-36 DATE

.35 CALC.WT. — ACT.WT.

SCALE 6" = 1'-0"

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY 24 S-O AL. ALLOY SHT.	47A10 COND. A	SR53 COND. T	NONE

DRAFT	CHECK	EXAM.	ENG.
E.O.1	[illegible]	Miller	L.
9-18-35	12-5-36		

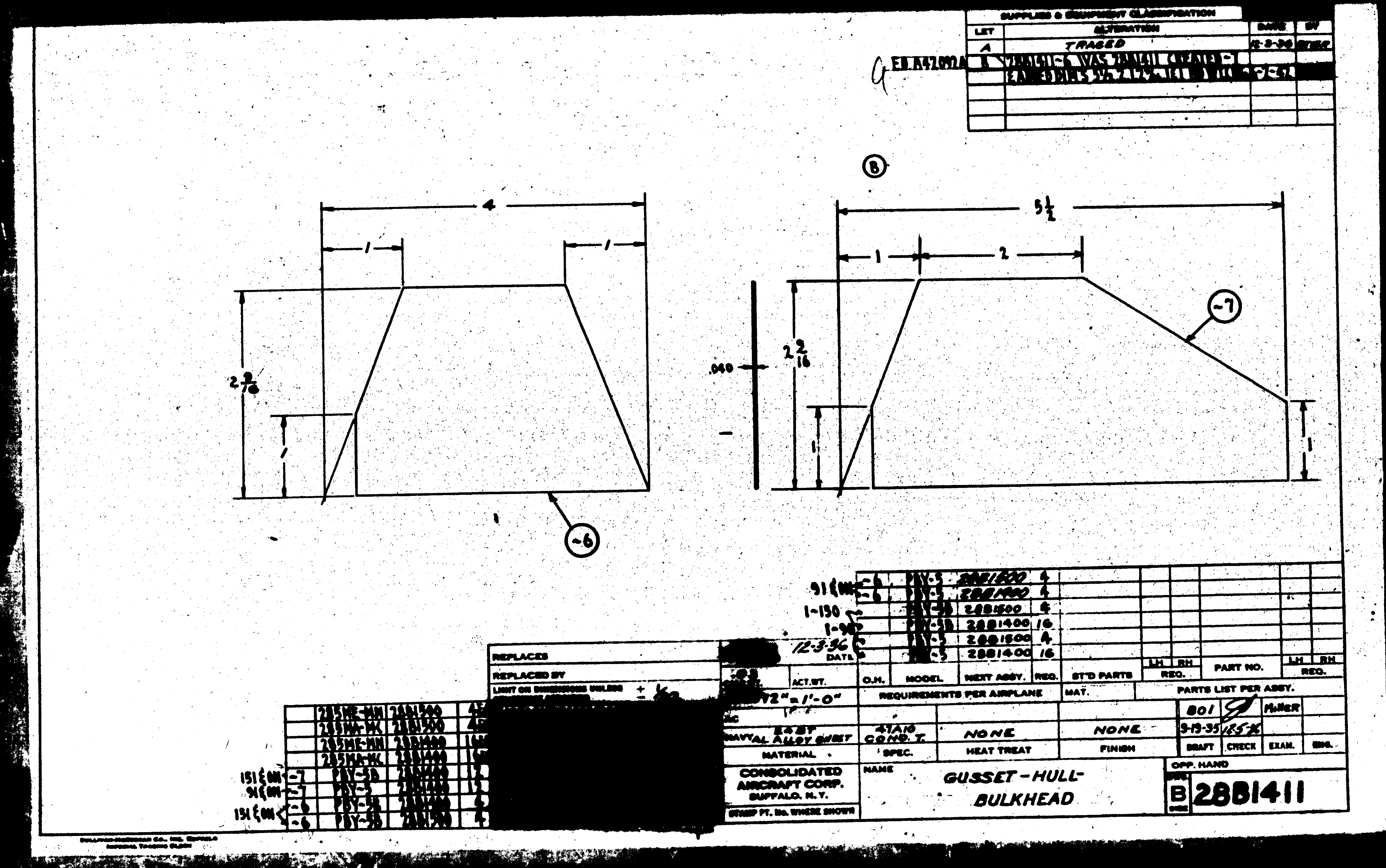
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

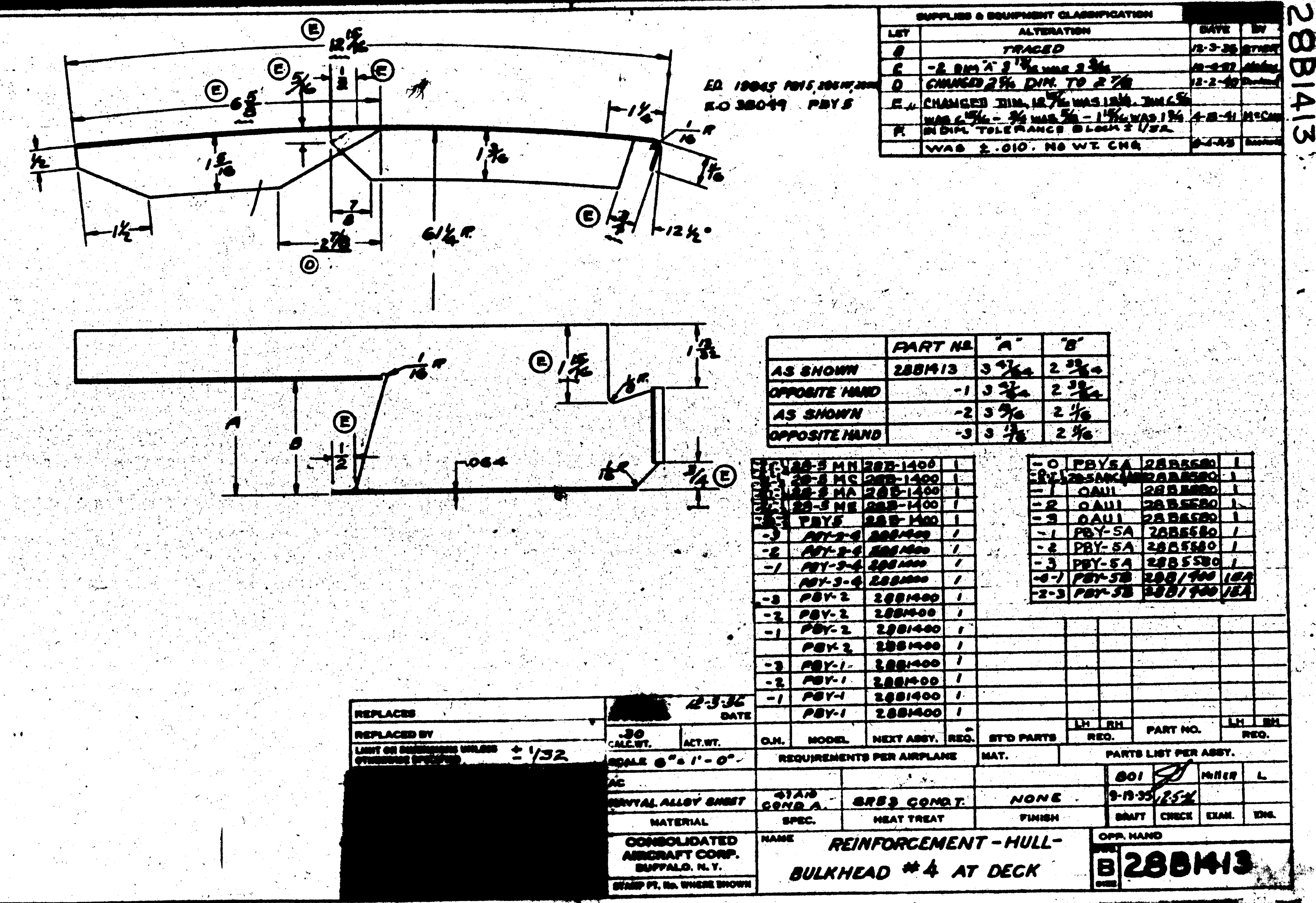
NAME: GUSSET — HULL BULKHEAD #4

OPP. HAND 28B1410-1

B 28B1410



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
12-3-36
B
4
1
1
5 1/2
2
2 9/16
.040
~7
~6
PBY-5 28B1500 4
PBY-5 28B1400 4
PBY-5B 28B1500 4
PBY-5B 28B1400 16
PBY-5 28B1500 4
PBY-5 28B1400 16
REPLACES
REPLACED BY
1/2" = 1'-0"
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
REQ.
PART NO.
REQ.
LH RH
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
24ST ALCLAD
NAVY AL ALLOY SHEET
47A10 COND. T
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
801
Miller
9-19-35
12-5-36
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET - HULL - BULKHEAD
OPP. HAND
B
28B1411



LET	ALTERATION	DATE	BY
B	TRACED	12-3-36	[illegible]
C	-2 DIM "A" 3 1/16 WAS 3 3/16	12-9-37	[illegible]
D	CHANGED 2 5/8 DIM. TO 2 7/8	12-2-40	[illegible]
E	CHANGED DIM. 12 15/16 WAS 12 3/4. DIM 6 5/8 WAS 6 13/16 - 3/4 WAS 5/8 - 1 15/16 WAS 1 3/4	4-8-41	McC[illegible]
F	IN DIM. TOLERANCE BLOCK ± 1/32 WAS ±.010. NO WT. CHG	[illegible]	[illegible]

	PART No.	"A"	"B"
AS SHOWN	28B1413	3 47/64	2 33/64
OPPOSITE HAND	-1	3 47/64	2 33/64
AS SHOWN	-2	3 5/16	2 1/16
OPPOSITE HAND	-3	3 1/16	2 1/16

O.H.	MODEL	NEXT ASSY.	REQ.
[illegible]	28-5 MN	28B-1400	1
[illegible]	28-5 MC	28B-1400	1
[illegible]	28-5 MA	28B-1400	1
[illegible]	28-5 ME	28B-1400	1
[illegible]	PBY5	28B-1400	1
-3	PBY-3-4	28B1400	1
-2	PBY-3-4	28B1400	1
-1	PBY-3-4	28B1400	1
	PBY-3-4	28B1400	1
-3	PBY-2	28B1400	1
-2	PBY-2	28B1400	1
-1	PBY-2	28B1400	1
	PBY-2	28B1400	1
-3	PBY-1	28B1400	1
-2	PBY-1	28B1400	1
-1	PBY-1	28B1400	1
	PBY-1	28B1400	1

-0	PBY5A	28B5580	1
[illegible]	28-5AMC[illegible]	28B5580	1
-1	OA4U1	28B5580	1
-2	OA4U1	28B5580	1
-3	OA4U1	28B5580	1
-1	PBY-5A	28B5580	1
-2	PBY-5A	28B5580	1
-3	PBY-5A	28B5580	1
-0-1	PBY-5B	28B1400	1EA
-2-3	PBY-5B	28B1400	1EA

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PARTS NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted] 12-3-36 DATE

.30 CALC.WT. — ACT.WT.

SCALE 6" = 1'-0"

MATERIAL	SPEC.	HEAT TREAT	FINISH
[illegible] ALLOY SHEET	47A10 COND A.	SR53 COND T.	NONE

DRAFT	CHECK	EXAM.	ENG.
801 9-19-35	[illegible] 12-5-[illegible]	Miller	L.

[redacted]

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

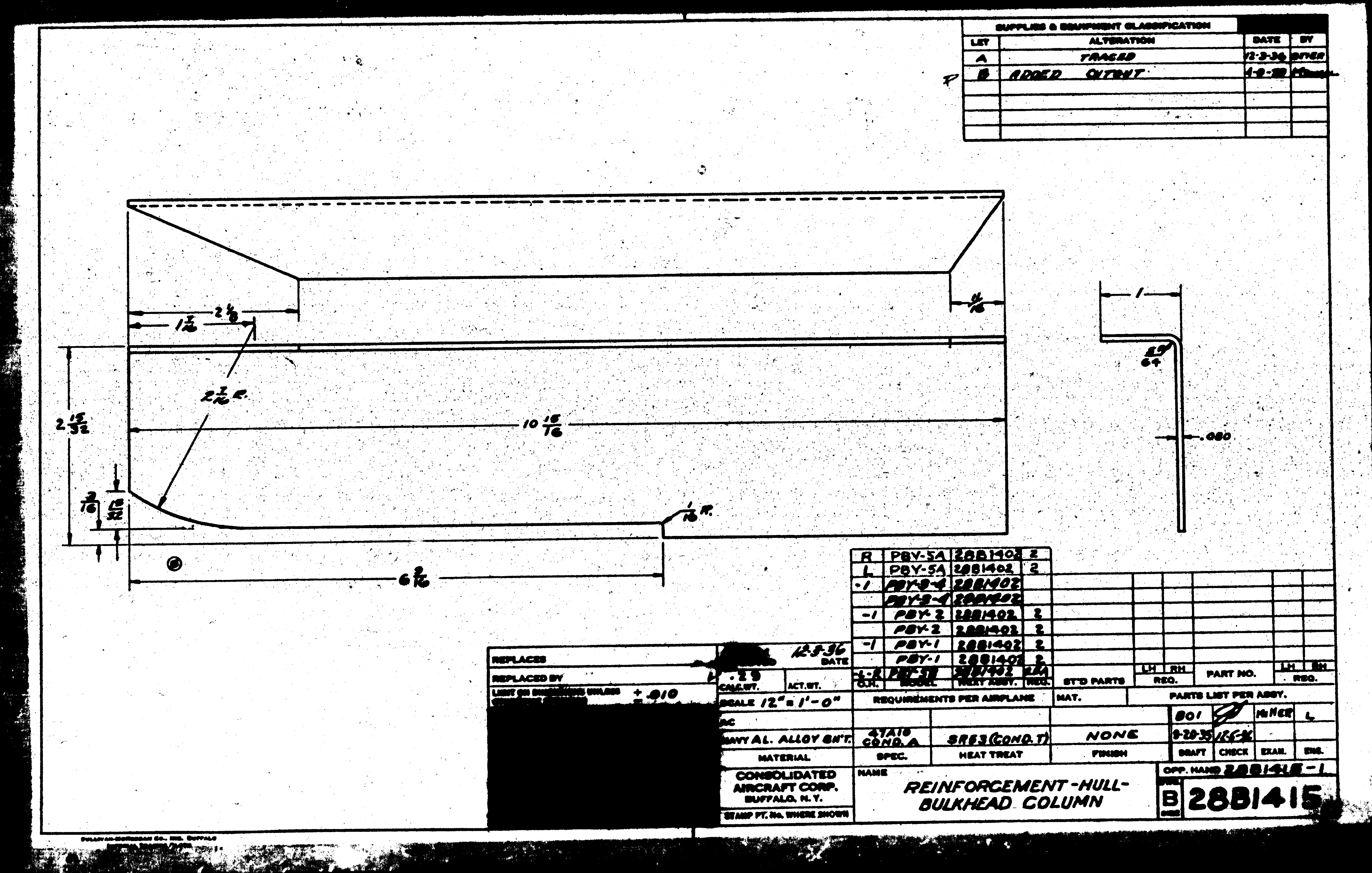
STAMP PT. No. WHERE SHOWN

NAME REINFORCEMENT - HULL - BULKHEAD #4 AT DECK

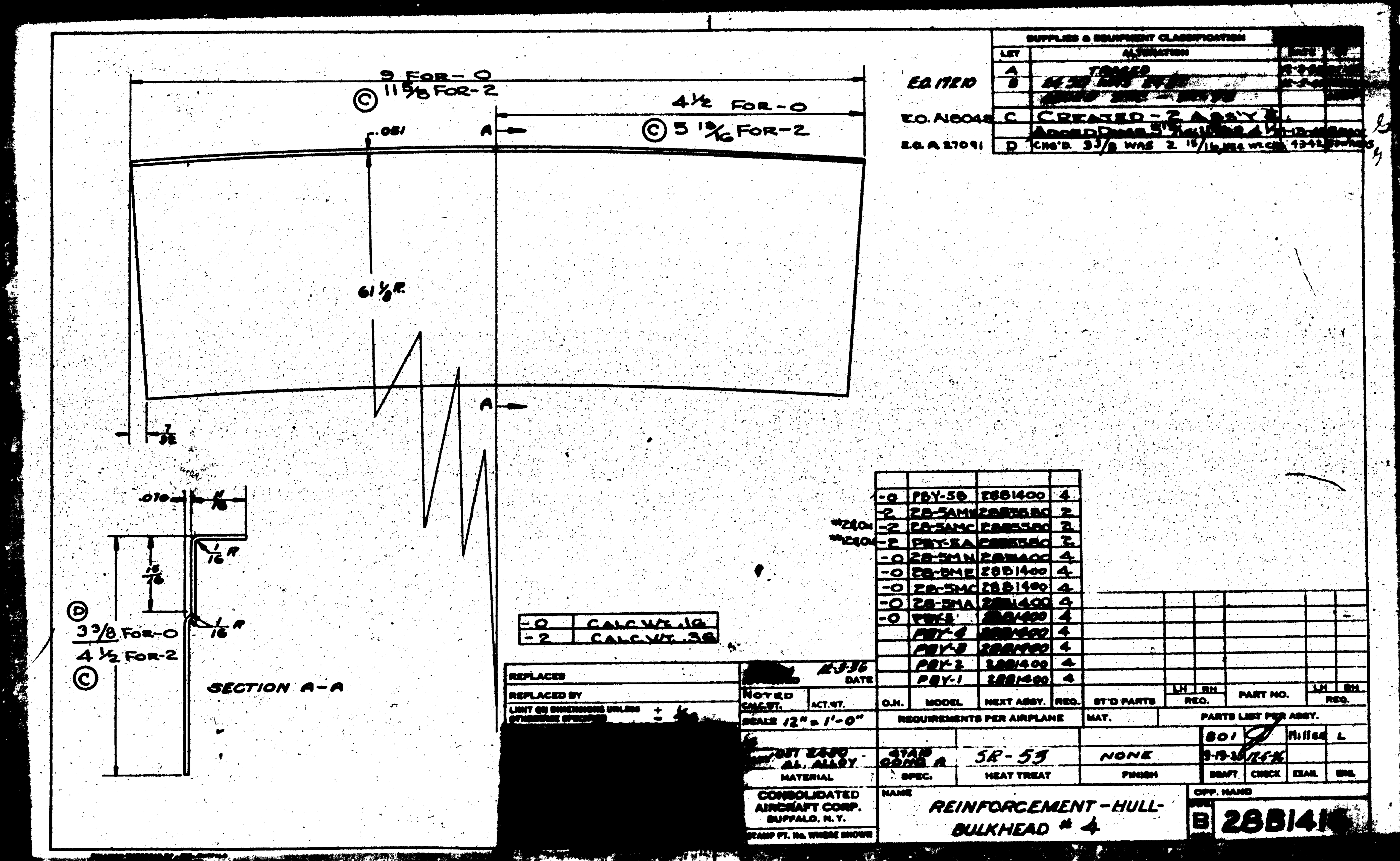
OPP. HAND

B 28B1413

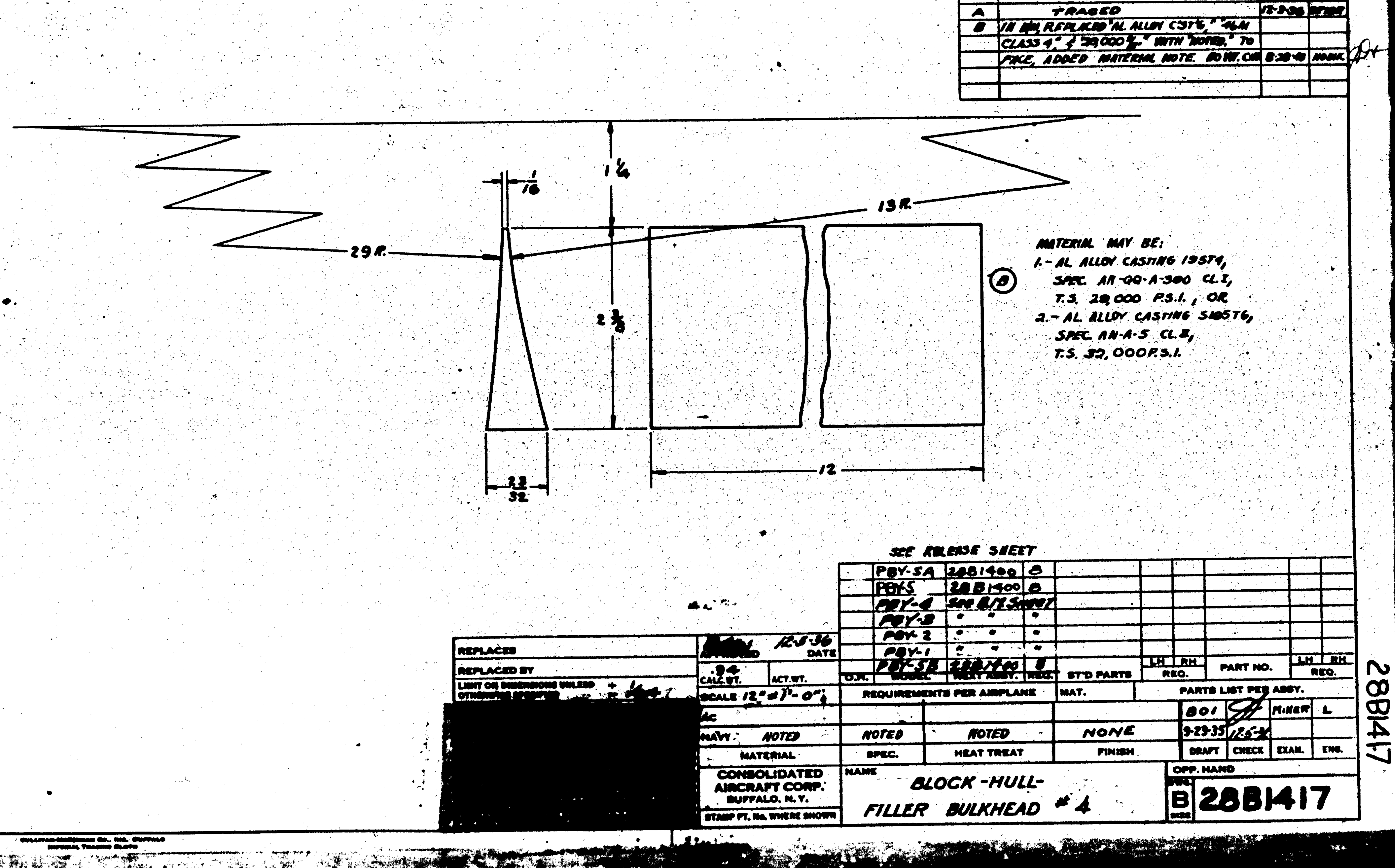
SULLIVAN-McKEEGAN CO., INC. BUFFALO

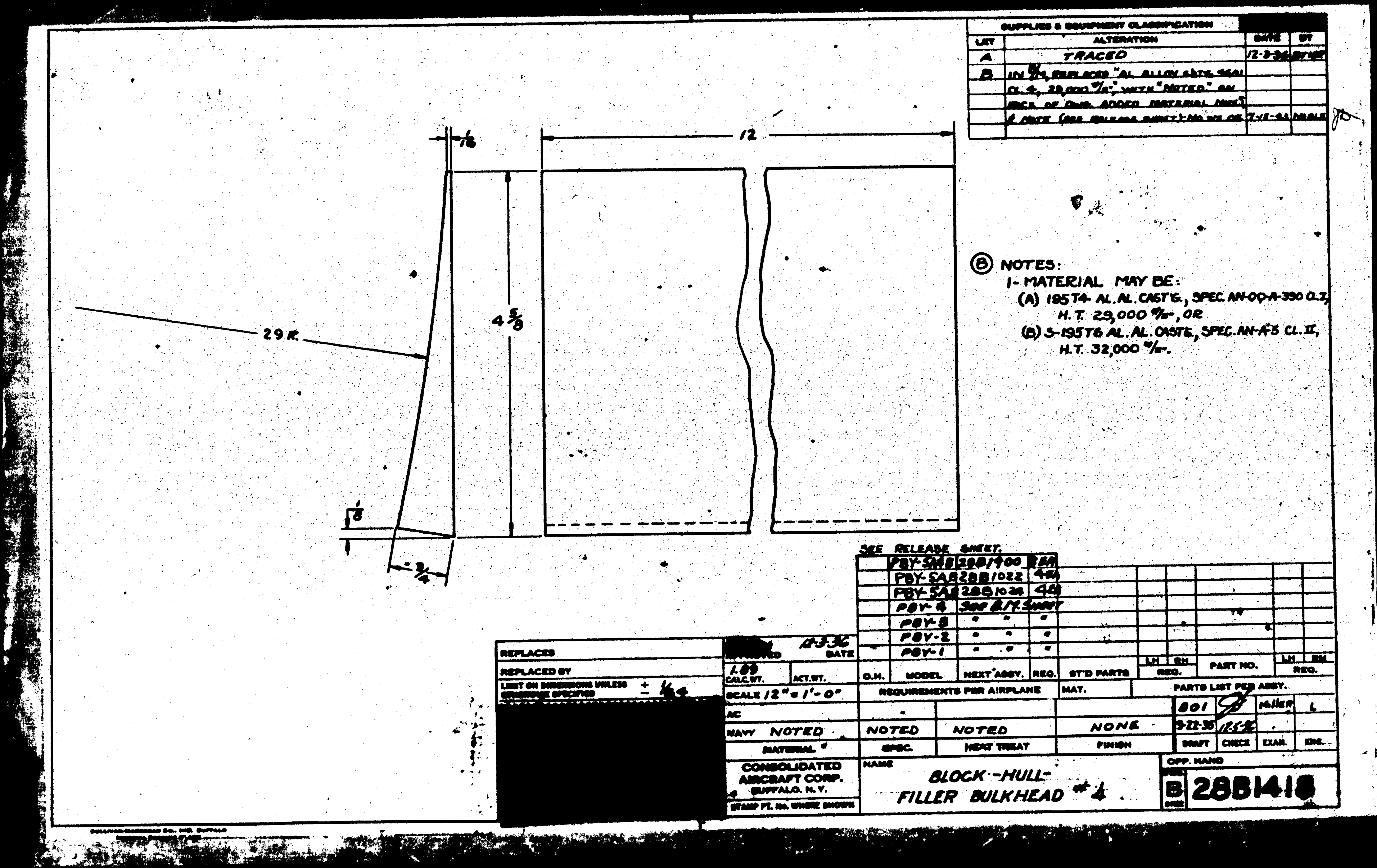


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
12-3-36
B
ADDED
1
.080
2 15/32
10 15/16
2 1/8
1 7/16
2 7/16 R.
1/16 R.
3/16
15/32
6 9/16
R
PBY-5A
2881402
2
L
PBY-5A
2881402
2
-1
PBY-2
2881402
2
PBY-2
2881402
2
-1
PBY-1
2881402
2
PBY-1
2881402
2
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
± .010
[redacted]
12-3-36
DATE
.29
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
NAVY AL. ALLOY SH'T.
MATERIAL
47A10 COND. A
SPEC.
SR63 (COND. T)
HEAT TREAT
NONE
FINISH
801
9-20-35
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
REINFORCEMENT-HULL-BULKHEAD COLUMN
OPP. HAND 28B1415-1
B
28B1415



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
A TRACED
C CREATED -2 ASS'Y
D CHG'D. 3 3/8 WAS 2 15/16
E.O. 17210
E.O. N6048
E.O. A 27091
9 FOR-0
© 11 5/8 FOR-2
4 1/2 FOR-0
© 5 15/16 FOR-2
.051
A
61 1/8 R.
7/32
.070
1/16 R
15/16
© 3 3/8 FOR-0
4 1/2 FOR-2 ©
SECTION A-A
-0 CALC.WT. .19
-2 CALC.WT. .38
-0 PBY-5B 28B1400 4
-2 28-5AMI 2
-2 28-5AMC 2
-2 PBY-5A 2
-0 28-5MN 4
-0 28-5ME 28B1400 4
-0 28-5MC 28B1400 4
-0 28-5MA 28B1400 4
-0 PBY-5 28B1400 4
PBY-4 28B1400 4
PBY-3 28B1400 4
PBY-2 28B1400 4
PBY-1 28B1400 4
O.H. MODEL NEXT ASSY. REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS
LH RH REQ.
PART NO.
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
[redacted]
12-3-36 DATE
NOTED CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
AL. ALLOY
MATERIAL
STAN. COND. A
SPEC.
SR-53
HEAT TREAT
NONE
FINISH
801
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
REINFORCEMENT - HULL - BULKHEAD # 4
OPP. HAND
B 28B1416

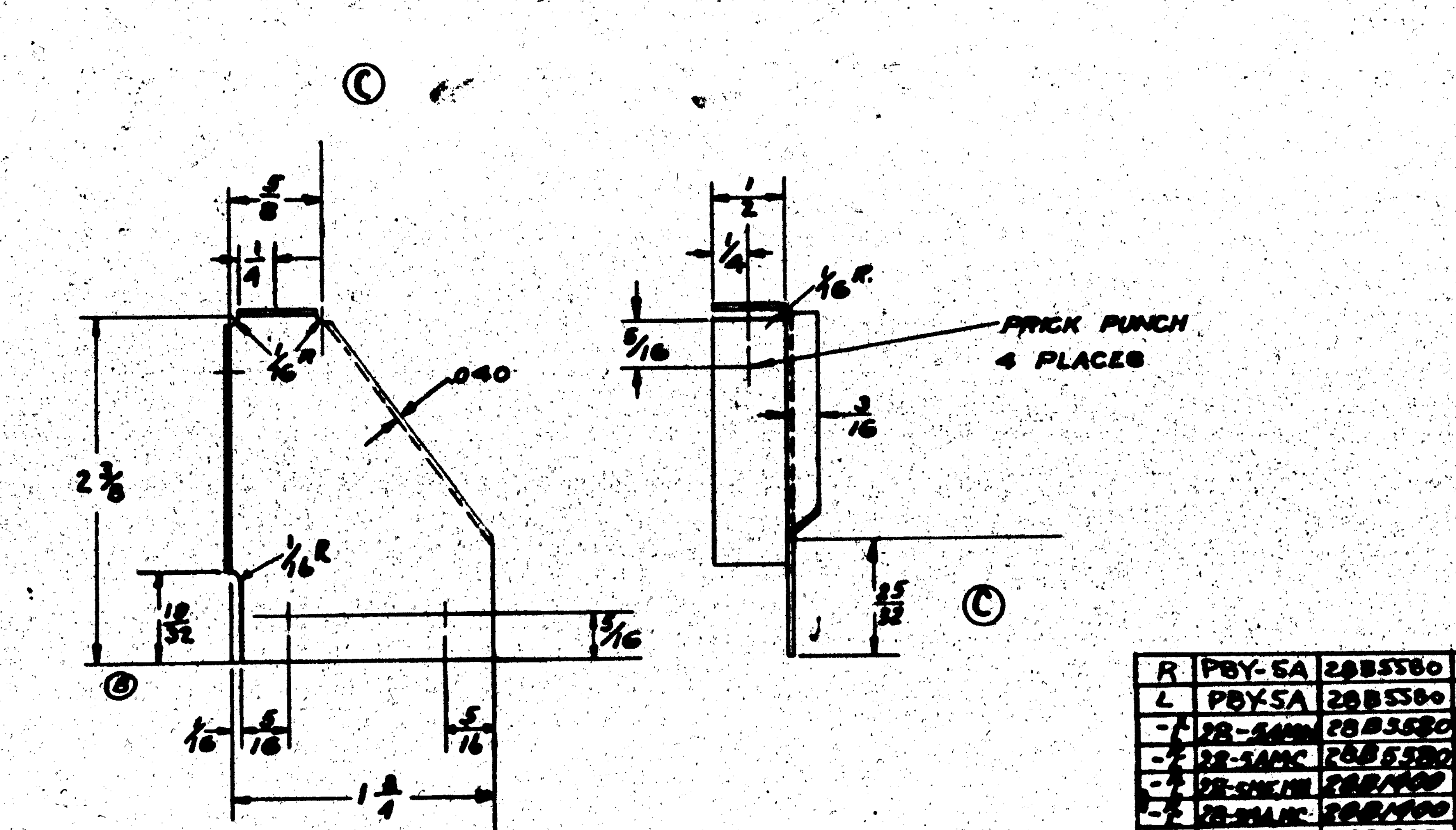

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 12-3-36
B | IN REPLACED "AL. ALLOY C3T6," "46A1 CLASS 4," & "29,000 #" WITH "NOTED," TO FACE, ADDED MATERIAL NOTE. 8-28-41
1 1/4
1/16
13 R.
29 R.
2 3/8
23/32
12
MATERIAL MAY BE:
1.- AL ALLOY CASTING 195T4, SPEC. AN-QQ-A-390 CL.I, T.S. 28,000 P.S.I., OR
2.- AL ALLOY CASTING 355T6, SPEC. AN-A-5 CL.II, T.S. 32,000 P.S.I.
B
SEE RELEASE SHEET
PBY-5A 28B1400 B
PBY-5 28B1400 B
PBY-4 SEE B/M SHEET
PBY-3
PBY-2
PBY-1
PBY-5B 28B1400 B
O.H. MODEL NEXT ASSY. REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS LH RH REQ. PART NO. LH RH REQ.
MAT. PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
[redacted]
APPROVED 12-5-36 DATE
.94 CALC. WT. ACT. WT.
SCALE 12" = 1'-0"
NAVY NOTED
MATERIAL
NOTED SPEC.
NOTED HEAT TREAT
NONE FINISH
801 MINER L
9-23-35 12-5-36
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME BLOCK -HULL- FILLER BULKHEAD #4
OPP. HAND
DWG. B SIZE 28B1417
28B1417



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
B
NOTED
12
1/16
4 5/8
29 R.
1/8
3/4
(B) NOTES:
1- MATERIAL MAY BE:
(A) 195T4 AL. AL. CAST'G., SPEC. AN-QQ-A-390 CL. I, H.T. 29,000 #/□", OR
(B) S-195T6 AL. AL. CAST'G., SPEC. AN-A-5 CL. II, H.T. 32,000 #/□".
SEE RELEASE SHEET.
PBY-5AB 28B1022 4EA
PBY-5AB 28B1024 4EA
PBY-4 SEE B/M SHEET
PBY-3
PBY-2
PBY-1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
[redacted]
APPROVED
12-3-36
DATE
1.89
CALC. WT.
ACT. WT.
SCALE 12" = 1'-0"
AC
NAVY NOTED
MATERIAL
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
801
NOTED
NOTED
NONE
9-22-36
12-5-36
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
NAME
BLOCK - HULL - FILLER BULKHEAD #4
OPP. HAND
B
28B1418

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-[illegible]	[illegible]
B	19/32 DIM WAS 17/32	10-11-[illegible]	[illegible]
C	ON DWG CHG'D DIM'S 3/4 TO 5/8,		
	3/16 TO 1/4, 1 7/8 TO 1 3/4 & 3/16 TO		
	25/32 - NEG WT CHG	6-2-[illegible]	[illegible]

PBY-5 - FUTURES



R	PBY-5A	28B5580	1
L	PBY-5A	28B5580	1
-[illegible]	28-5AMN	28B5580	1[illegible]
-[illegible]	28-5AMC	28B5580	1[illegible]
-[illegible]	28-5ME [illegible]	2881400	1[illegible]
-[illegible]	28-5MA [illegible]	2881400	1[illegible]
-R	PBY-5B	2881400	1
-L	PBY-5B	2881400	1
-R	PBY-5	2881400	1
-L	PBY-5	2881400	1
O.H.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted] APPROVED 12-9-36 DATE

.021 CALC. WT. | ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY AL ALLOY SHEET	47A10 COND. A	SR53 COND. T	NONE
MATERIAL	SPEC.	HEAT TREAT	FINISH

801	[illegible]	Miller	L
9-20-35	12-17-35		
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

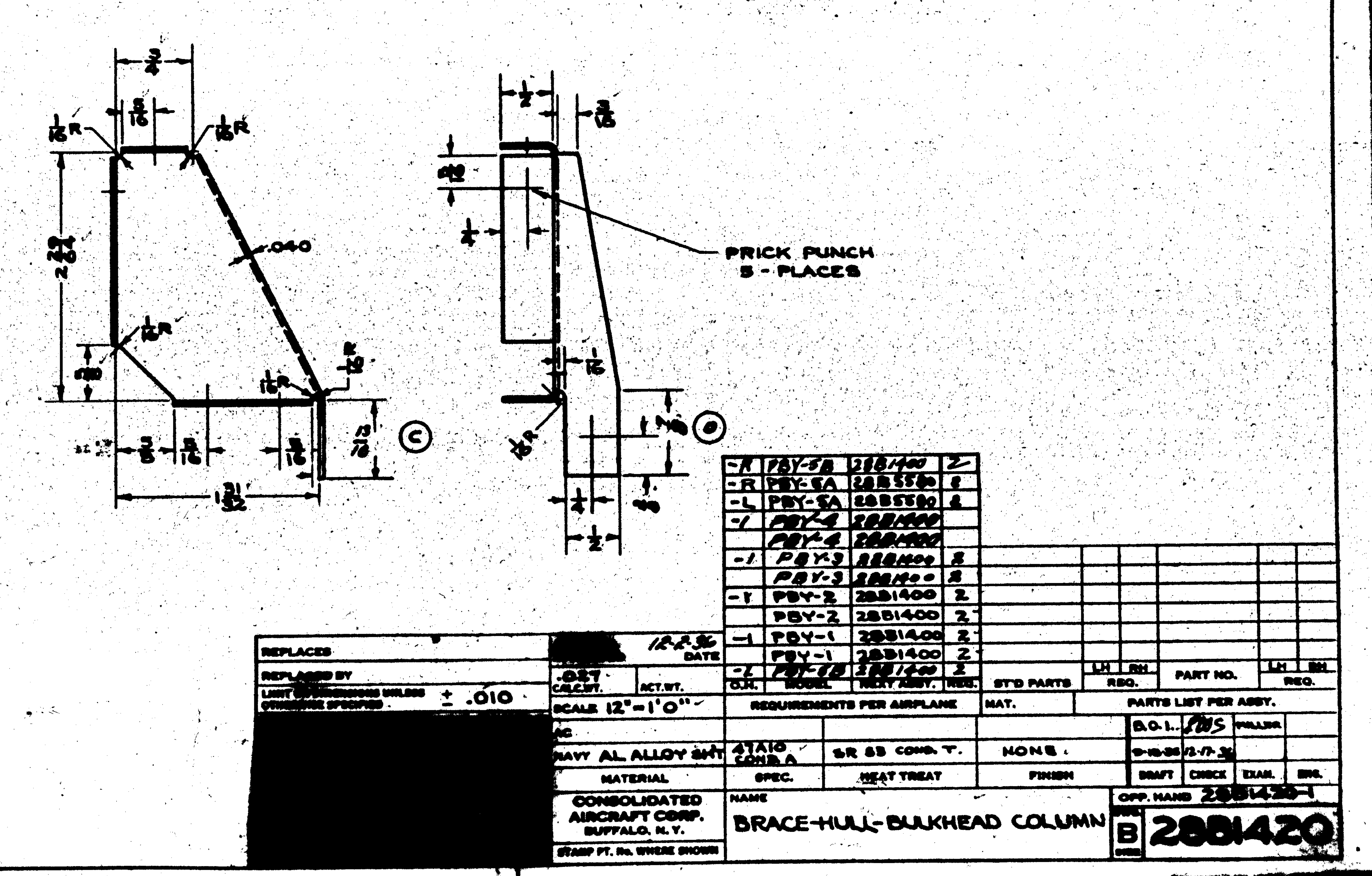
STAMP PT. No. WHERE SHOWN

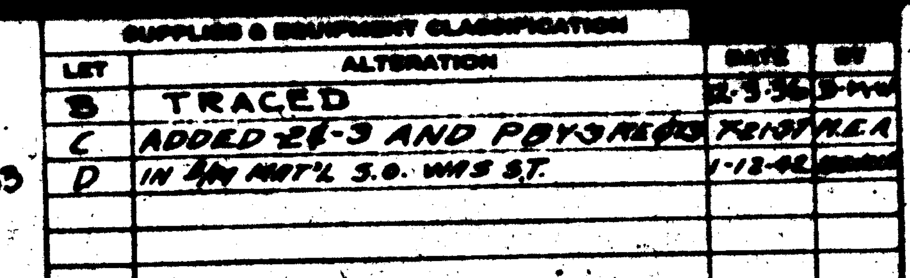
NAME BRACE - HULL BULKHEAD COLUMN

OPP. HAND 2881419-1

B 2881419

[redacted]

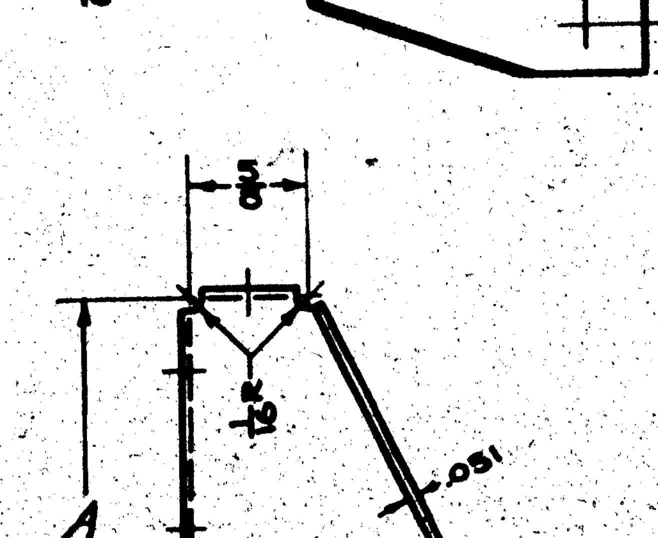

SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
D
TRACED
C
LENGTH WAS
D
DIMENSION WAS
.040
PRICK PUNCH
5 - PLACES
C
D
PBY-5B
2881400
PBY-5A
PBY-4
PBY-3
PBY-2
PBY-1
2881400
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS
REQ.
PART NO.
LH
RH
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT OF DIMENSIONS UNLESS OTHERWISE SPECIFIED
± .010
12-2-36
DATE
.027
CALC.WT.
ACT.WT.
SCALE 12"=1'0"
NAVY AL. ALLOY SHT
47A10 COND A
SR 83 COND. T.
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND 2881420-1
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
BRACE-HULL-BULKHEAD COLUMN
B
2881420

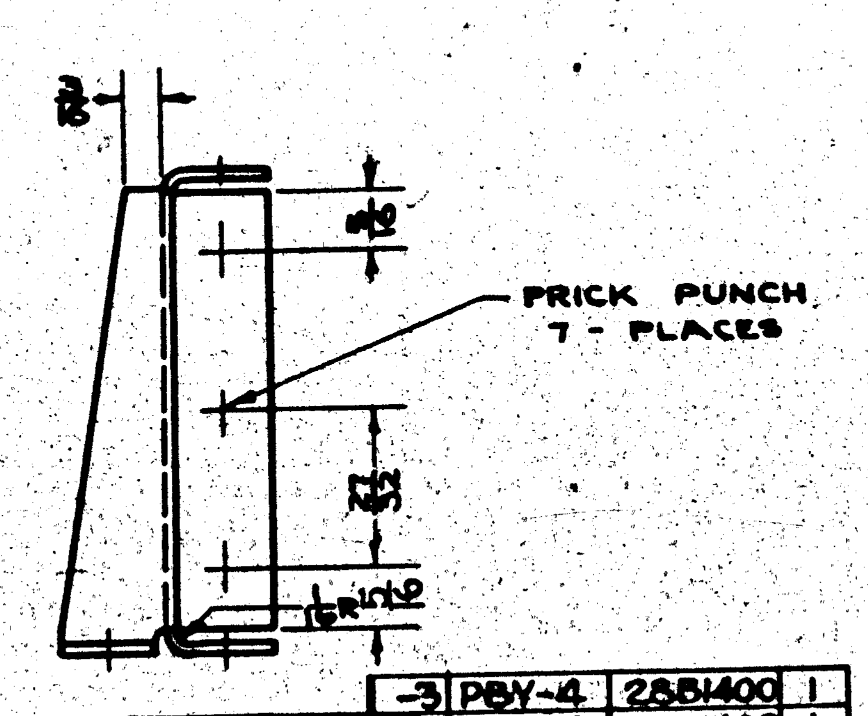


SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED	2-3-36	
C	ADDED 28-3 AND PBY3 REQ'S		R.E.A.
D	IN 4TH MAT'L S.O. WAS ST.	1-13-42	[illegible]

EBC #11383





PART NO		DIM. A
28B1421	L.H	2 7/16
28B1421-1	R.H	2 7/16
28B1421-2	L.H	2 3/8
28B1421-3	R.H	2 3/8

-0,-1,-2,-3	PBY-5B	28B1400	1 EA.
-0,-1,-2,-3	28-5AMN	28B5580	1 EA.
-0,-1,-2,-3	28-5AMC	28B5580	1 EA.
-0,-1,-2,-3	PBY-5A	28B5580	1 EA.
-0,-1,-2,-3	28-5MN	28B1400	1 EA.
-0,-1,-2,-3	28-5ME	28B1400	1 EA.
-0,-1,-2,-3	28-5MC	28B1400	1 EA.
-0,-1,-2,-3	28-5MA	28B1400	1 EA.
-0,-1,-2,-3	PBY-5	28B1400	1 EA.

O.H.	MODEL	NEXT ASSY.	REQ.
-3	PBY-5&B	28B1400	1
-2	PBY-5&B		1
-1	PBY-5&B		
	PBY-5&B		1
-3	28-5MC,E,AN		1
-2	28-5MC,E,AN		1
-1	28-5MC,E,AN		1
	28-5MC,E,AN	28B1400	1
-3	PBY-5A 28-5AMC,N	28B5580	1
-3	PBY-4	28B1400	1
-2	PBY-4	28B1400	1
-1	PBY-4	28B1400	1
	PBY-4	28B1400	1
-3	PBY-3	28B1400	1
-2	PBY-3	28B1400	1
-1	PBY-3	28B1400	1
	PBY-3	28B1400	1
-1	PBY-2	28B1400	2
	PBY-2	28B1400	2
-1	PBY-1	28B1400	2
	PBY-1	28B1400	2

REQUIREMENTS PER AIRPLANE

STD PARTS	LH	RH	PART NO.	LH	RH
	REQ.			REQ.	

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted] 2-2-36 DATE

.036 CALC.WT. — ACT.WT.

SCALE 12" = 1'0"

AC

NAVY AL. ALLOY SHT — 47A10 COND. A — SR 53 COND. A — NONE

MATERIAL	SPEC.	HEAT TREAT	FINISH

B.O.I. — 1-18-36 — 12-1136

DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME BRACE-HULL-BULKHEAD COLUMN

OPP. HAND 28B1421-1

B SIZE 28B1421

[redacted]

E.O.A94575

LET	ALTERATION	[illegible]	[illegible]
A	TRACED	12-3-36	DHW
B	11/16 DIM. WAS 9/16, ADDED		
	2 1/2 DIM. NEG. WT. CHG.	1-13-43	[illegible]

PRICK PUNCH
6- PLACES

O.H.	MODEL	NEXT ASSY.	REQ.
R	[illegible]	2885580	4EA
L	28SMMCUMM	2885580	4EA
R	28SMM&MC	2881400	4[illegible]
L	28-5MM&MC	2881400	4[illegible]
R	PBY-5	2881400	4
L	PBY-5	2881400	4
R	PBY-5B	2881400	4
L	PBY-5B	2881400	4
R	PBY-5A	2885580	4
L	PBY-5A	288 5580	4
-1	[illegible]	[illegible]	
	[illegible]	[illegible]	
-1	PBY-2	2881400	4
	PBY-2	2881400	4
-1	PBY-1	2881400	4
	PBY-1	2881400	4

	MODEL	NEXT ASSY	REQ.
R	28SMN&ME	2881400	4[illegible]
L	28SMN&MB	2881400	4EA

REQUIREMENTS PER AIRPLANE

STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACED

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted]

APPROVED [illegible] 12-3-36 DATE

.082 CALC. WT. — ACT. WT.

SCALE 12" = 1'0"

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY AL. ALLOY SH'T	27A10 COND. A	SR 53 COND. T	NONE

B.O.I.:	[illegible]	[illegible]	
[illegible]	12-17-36		
DRAFT	CHECK	EXAM.	ENG.

OPP. HAND 2881422-1

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

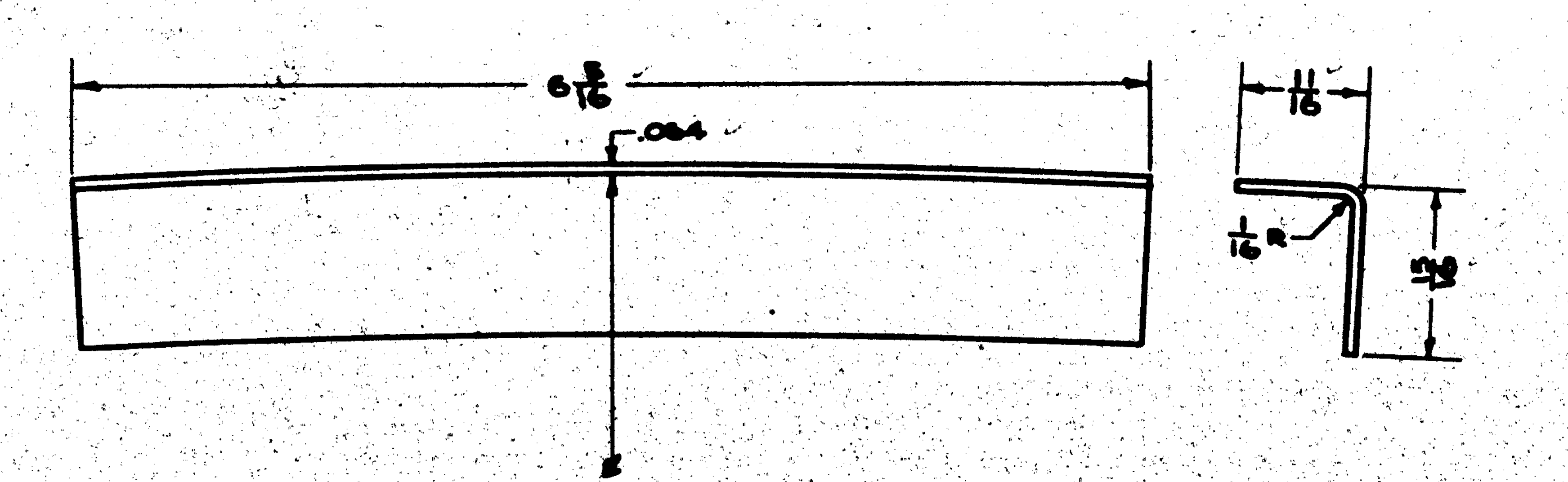
STAMP PT. No. WHERE SHOWN

NAME: BRACE-HULL-BULKHEAD COLUMN

B 2881422

[illegible] CO., INC. BUFFALO — [illegible] TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-3-36	D.H.W.



O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28B1400	4						
	PBY-5A	28B5580	4						
	PBY-4	28B1400							
	PBY-3	28B1400							
	PBY-2	28B1400	4						
	PBY-1	28B1400	4						

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

[redacted]

APPROVED 12-3-36 DATE

.063 CALC. WT. | ACT. WT.

SCALE 12" = 1'0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY AL. ALLOY SH'T	47A10 COND. A	SR 55 COND. T	NONE

B.O.I.	Miller		
9-27-36	12-17-36		
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

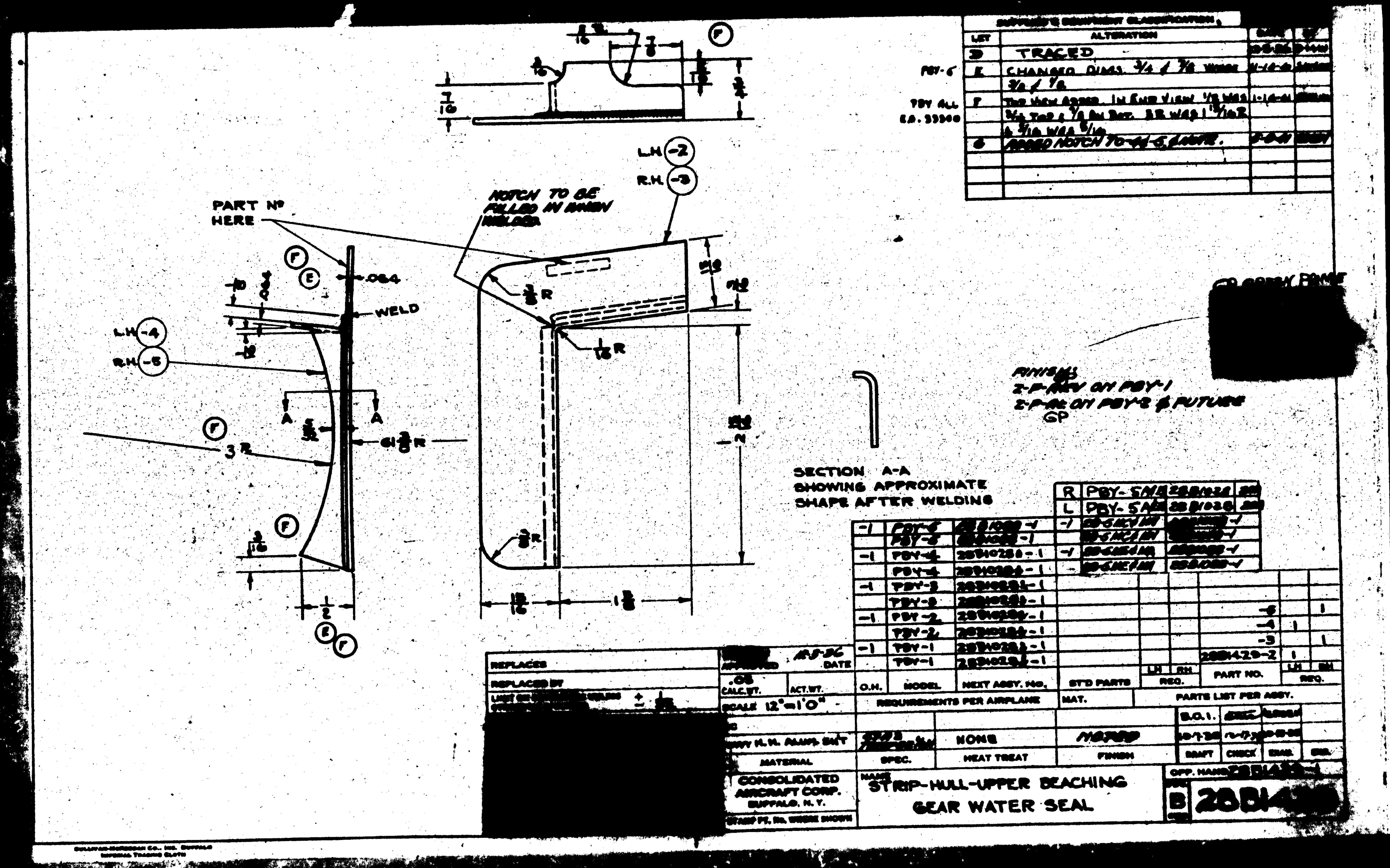
NAME

PLATE-HULL-BULKHEAD #4 SPLICE

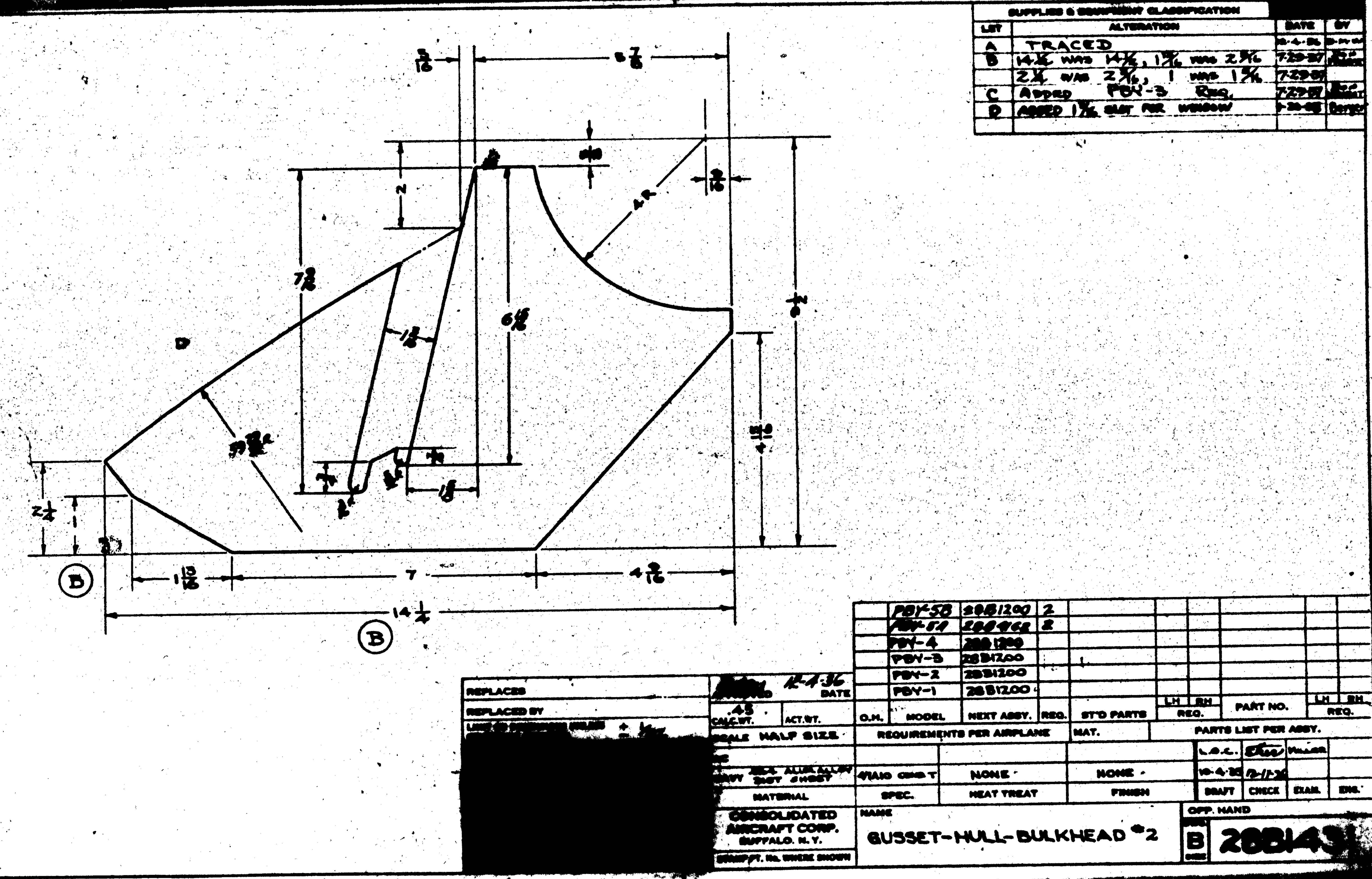
OPP. HAND

B 28B1427

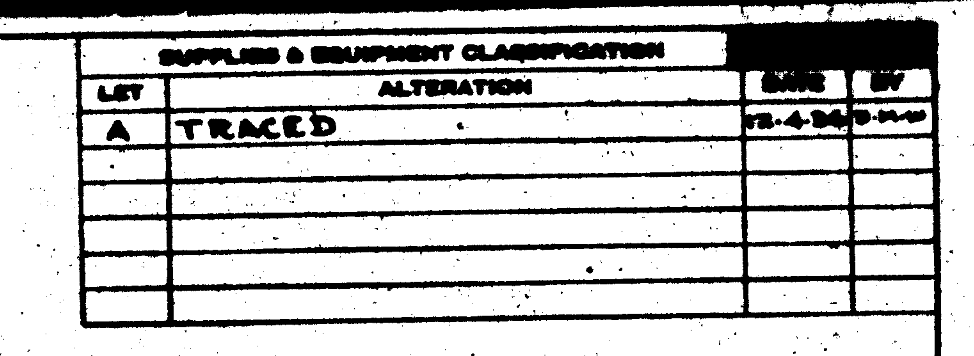
DULLMAN-McCARRAN Co., INC. BUFFALO
IMPERIAL TRACING CLOTH



ALTERATION
TRACED
CHANGED DIMS
ADDED NOTCH
PART Nº HERE
NOTCH TO BE FILLED IN WHEN WELDED
.064
WELD
L.H. -4
R.H. -5
L.H. -2
R.H. -3
3/8 R
1/16 R
61 3/8 R
3 R
SECTION A-A SHOWING APPROXIMATE SHAPE AFTER WELDING
FINISH
[redacted]
REPLACES
REPLACED BY
SCALE 12"=1'0"
DATE
CALC. WT.
ACT. WT.
MATERIAL
SPEC.
HEAT TREAT
FINISH
NONE
NEXT ASSY. NO.
MODEL
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
PART NO.
REQ.
LH
RH
MAT.
STD PARTS
DRAFT
CHECK
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STRIP-HULL-UPPER BEACHING GEAR WATER SEAL
[redacted]

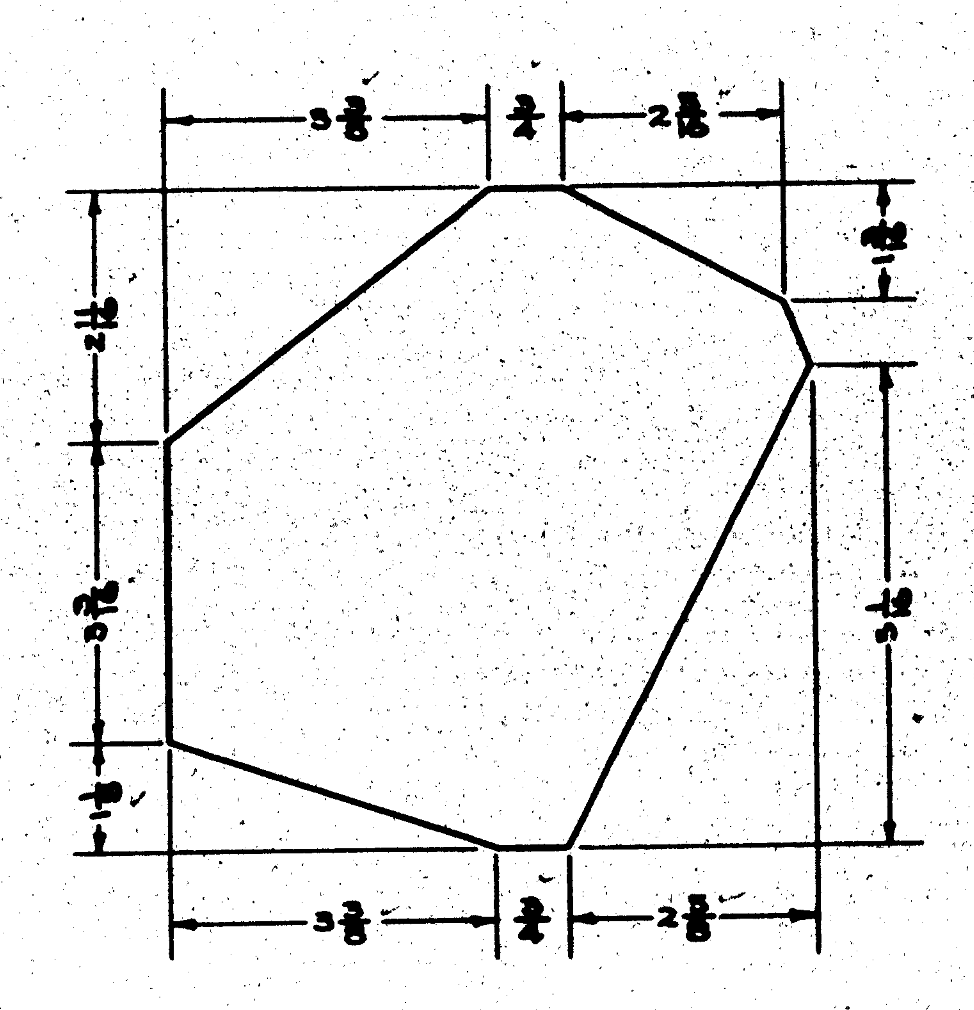


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A TRACED
B 14¼ WAS 14⅜, 1¹³⁄₁₆ WAS 2⁵⁄₁₆
2¼ WAS 2⁵⁄₁₆, 1 WAS 1⁵⁄₁₆
C ADDED PBY-3 REQ.
D ADDED 1⁵⁄₁₆ ... FOR WINDOW
7
14¼
B
B
PBY-5B 28B1200 2
PBY-5A 2
PBY-4
PBY-3 28B1200
PBY-2 28B1200
PBY-1 28B1200
12-4-36
DATE
REPLACES
REPLACED BY
[redacted]
.45
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
SCALE HALF SIZE
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
NAME
GUSSET-HULL-BULKHEAD #2
B



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-4-36	



O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5B	28B1200	4						
	PBY-4	28B1200							
	PBY-3	28B1200							
	PBY-2	28B1200	4						
	PBY-1	28B1200	4						

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES	APPROVED 12-4-36 DATE
REPLACED BY	.13 CALC.WT. — ACT.WT.
LIMIT ON DIMENSIONS UNLESS [redacted] + 1/32 − 1/32	SCALE HALF SIZE
[redacted]	AC
	NAVY 24S ALUM. ALLOY 24ST SHEET (MATERIAL) — 47A10 COND. T (SPEC.) — NONE (HEAT TREAT) — "NONE" (FINISH)
	CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y. — STAMP PT. No. WHERE SHOWN

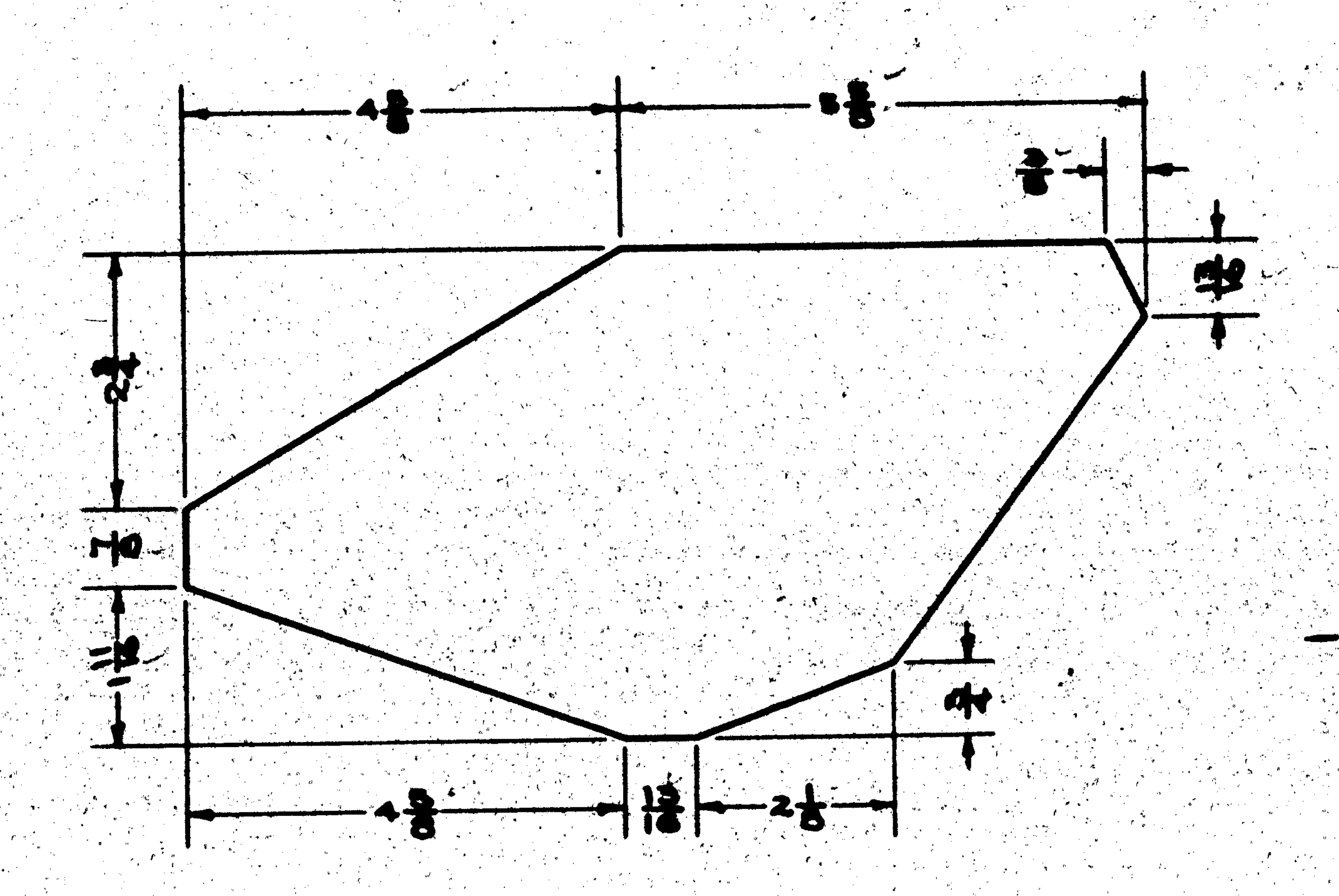
L.O.C.	Miller		
10-4-36	12-7-36		
DRAFT	CHECK	EXAM.	ENG.

NAME: GUSSET-HULL-BULKHEAD #2

OPP. HAND

DWG. B SIZE — 28B1432

LET	ALTERATION	DATE	BY.
A	TRACED	12-5-36	D.W.W



	PBY-5B	28B1200	4							
	PBY-4	28B1200								
	PBY-3	28B1200								
	PBY-2	28B1200	4							
	PBY-1	28B1200	4							
					LH	RH	PART NO.	LH	RH	
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ.			REQ.		
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.					

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED [illegible] 12-5-36 DATE

.15 CALC.WT. | ACT.WT.

SCALE HALF SIZE

AC

NAVY 24ST ALUM. ALLOY 24ST SHEET | 47A10 CONT. | NONE | NONE

MATERIAL | SPEC. | HEAT TREAT | FINISH

L.O.C.	[illegible]		
10-4-36	12-11-36		
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

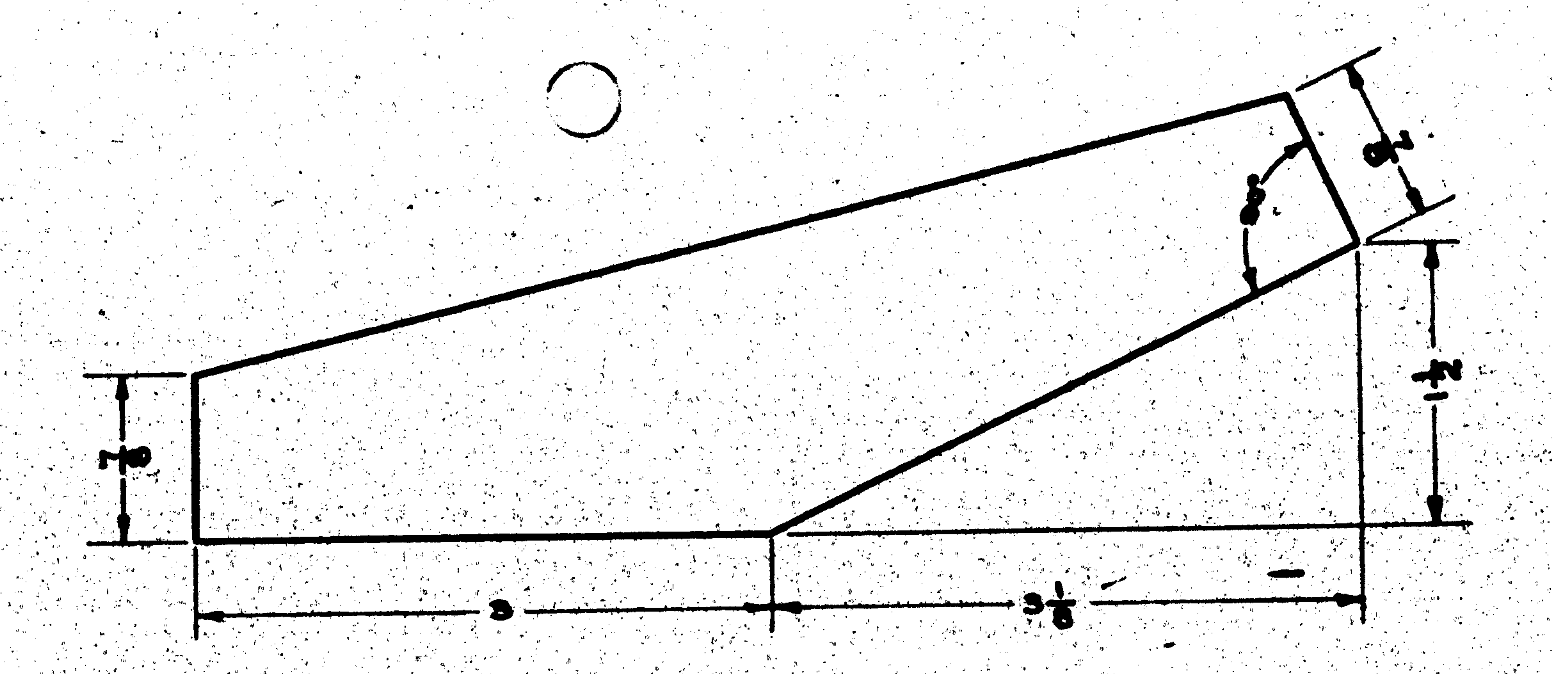
STAMP PT. No. WHERE SHOWN

NAME GUSSET-HULL-BULKHEAD #2

OPP. HAND

DWG. B 28B1433

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-4-36	[illegible]
B	CH. MAT. REQ. FROM .051 TO		
	.091 FOR PBY-5	11-17-39	[illegible]
	CH. PART BECOMES -6	11-17-39	[illegible]



MAT.
.051 AL.AL. SHT. 24ST FOR -0 ONLY
.091 AL.AL. SHT. 24ST FOR -6 ONLY

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
-6	PBY-5B	28B1200	4						
-6	PBY-5	28B1200							
-0	PBY-4	28B1200							
-0	PBY-3	28B1200							
-0	PBY-2	28B1200	2						
-0	PBY-1	28B1200	2						
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS [redacted] ± 1/32

APPROVED 12-4-36 DATE
.04 CALC. WT. | ACT. WT.
SCALE FULL SIZE

MATERIAL	SPEC.	HEAT TREAT	FINISH
NOTED	24A16 COND. T	NONE	NONE

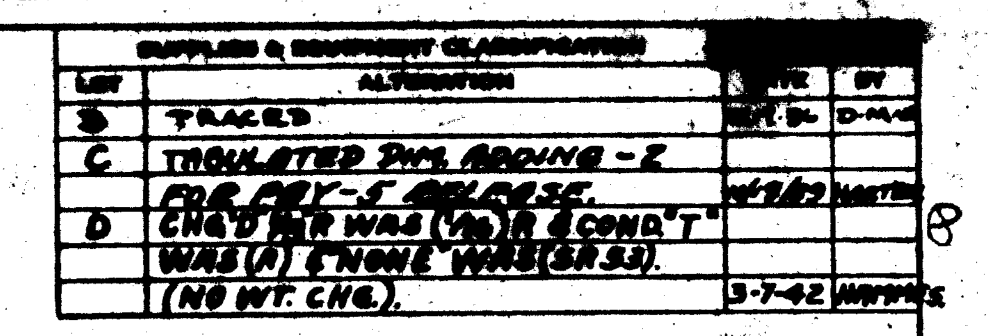
LOC.	[illegible]		
10-4-36	12-17-36		
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN

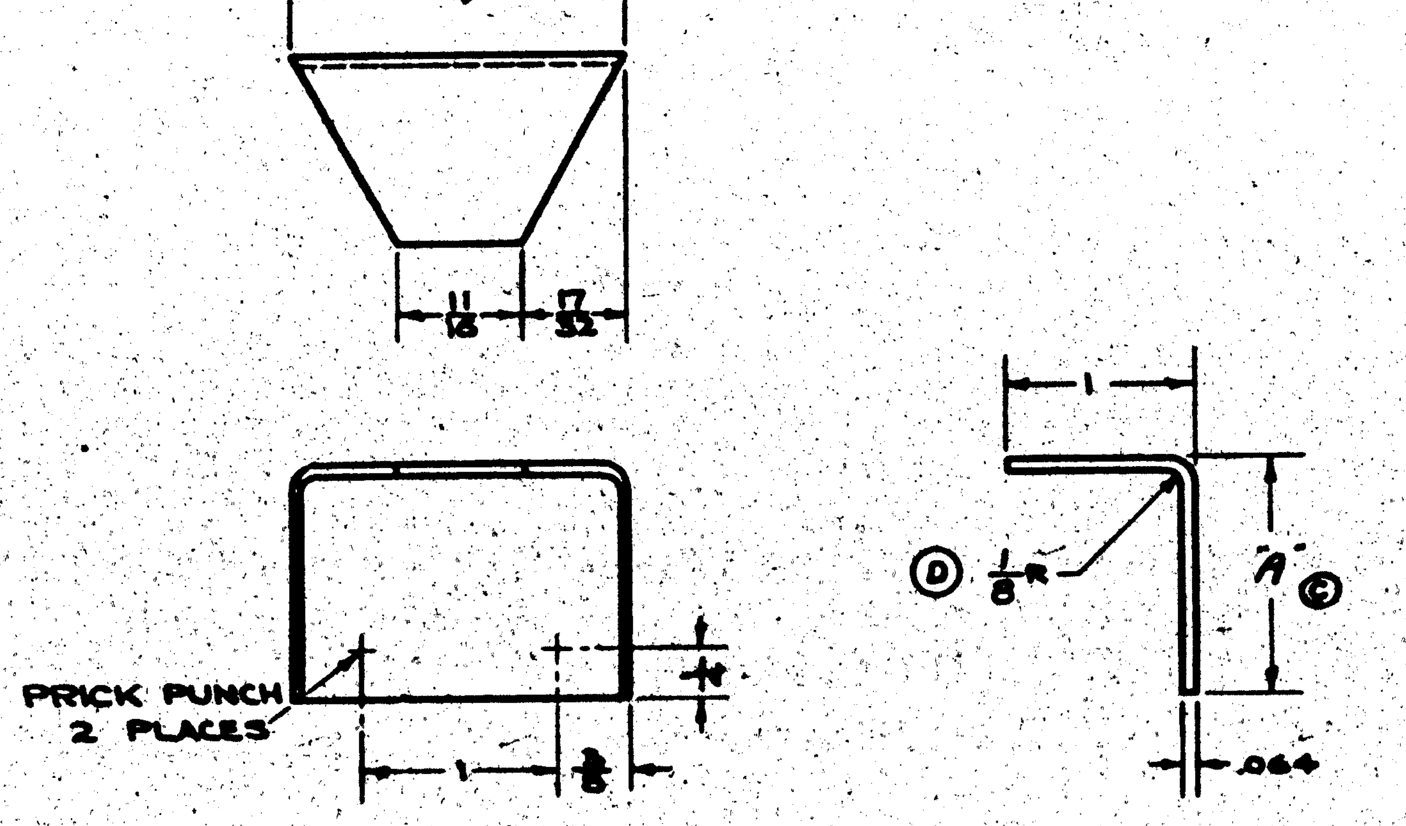
NAME: GUSSET-HULL-BULKHEAD #2

OPP. HAND

B 28B1434



SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	[illegible]	D-MA[illegible]
C	TABULATED DIM. ADDING -2		
	FOR PBY-5 RELEASE.	4-9/39	[illegible]
D	CHG'D ¹⁄₈ R WAS (¹⁄₁₆) R & COND "T"		
	WAS (A) & NONE WAS (SR 53).		
	(NO WT. CHG.).	3-7-42	[illegible]



-NO.	"A"
-0	1 1/4
-2	1 1/2

C

O.H.	MODEL	NEXT ASSY	RE[Q.]
-2	28-5MN	28B1200	4
↕	28-5ME	↕	4
↕	28-5MC	↕	4
↕	28-5MA	↕	4
-2	PBY-5B	28B1200	4
-0	28-5AMN	28B1600	4
-0	28-5AMC	28B1600	4
-0	PBY-5A	28B1600	4
-0	28-5MN	28B1600	4
↕	28-5ME	↕	4
↕	28-5MC	↕	4
↕	28-5MA	↕	4
-0	PBY-5B	28B1600	4

REQUIREMENTS PER AIRPLAN[E]

REPLACES 28B1435 OF 10-4-35

[redacted] APPROVED 12-7-36 DATE

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

.02 CALC. WT. | ACT. WT.

SCALE FULL SIZE

O.H.	MODEL	NEXT ASSY.	REQ.
-0	PBY-5	28B1600	
-2	PBY-5	28B1800	
-0	PBY-3-4	28B1600	
-0	PBY-3-4	28B1200	
-0	PBY-2	28B1600	4
-0	PBY-2	28B1200	4
-0	PBY-1	28B1600	4
-0	PBY-1	28B1200	4

REQUIREMENTS PER AIRPLANE

STD PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. | PARTS LIST PER ASSY.

AC			
NAVY AL. ALLOY SHEET	24ST COND. T	NONE	NONE
MATERIAL	SPEC.	HEAT TREAT	FINISH

WE. [illegible]	S[illegible]	GREEN	
2-25-36	12-17-36	2-27-36	
DRAFT	CHECK	EXAM.	ENG.

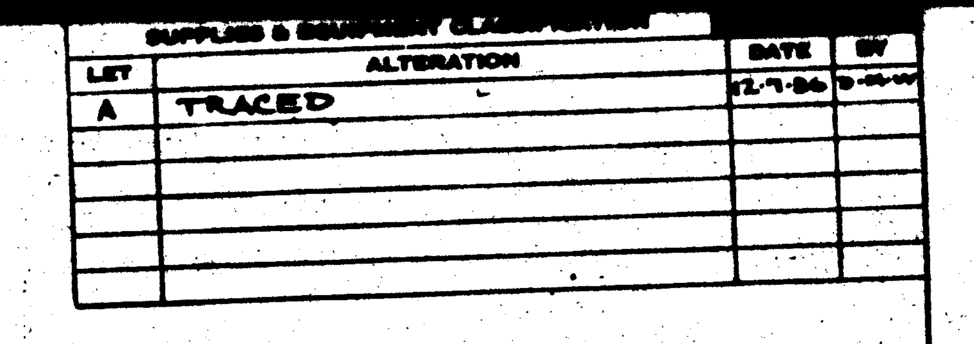
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME
ANGLE-HULL-BULKHEAD

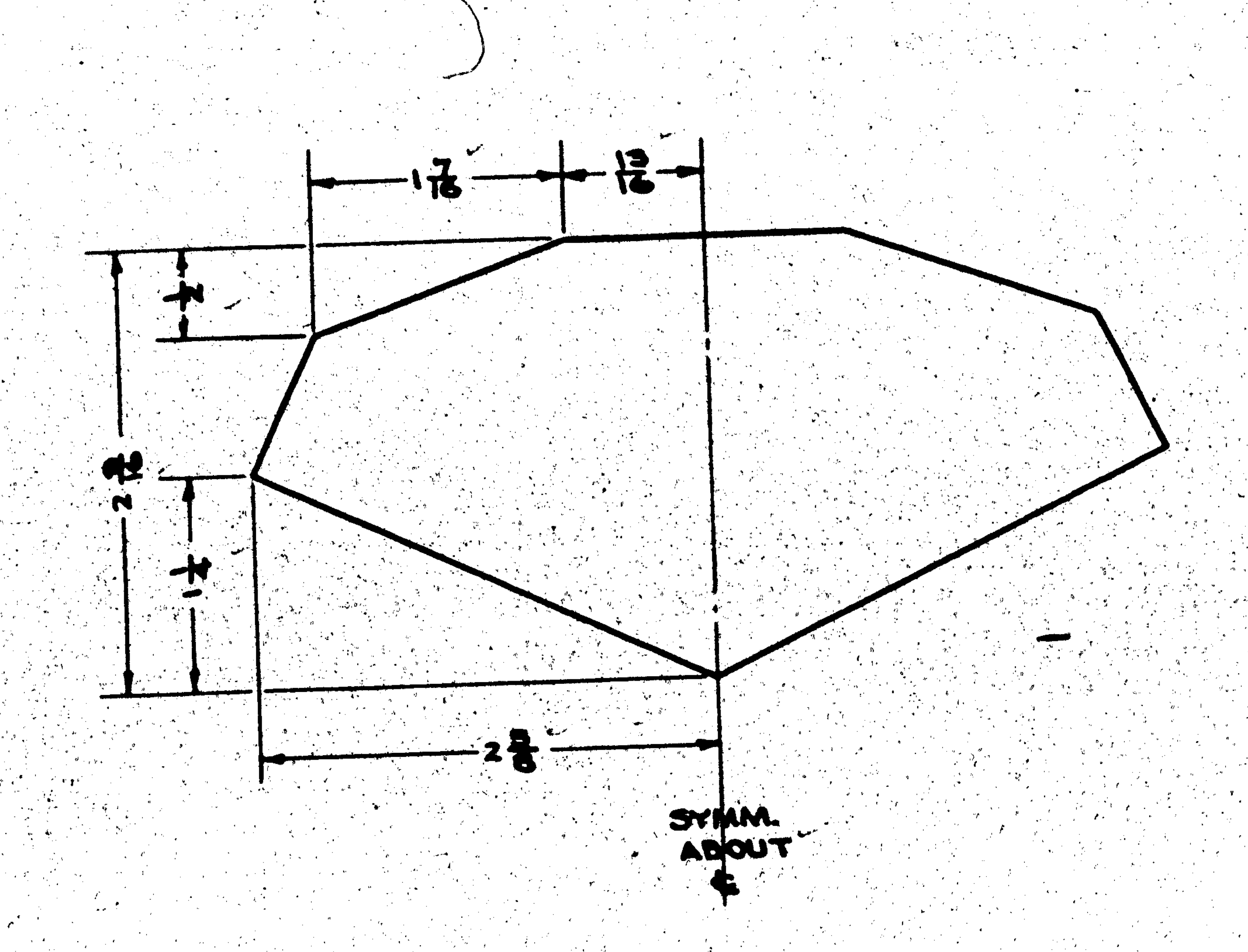
OPP. HAND

SIZE B 28B143[illegible]



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-7-36	[illegible]



O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	2881200	2
	PBY-4	2881200	
	PBY-3	2881200	
	PBY-2	2881200	2
	PBY-1	2881200	2

REQUIREMENTS PER AIRPLANE

ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED [illegible] 12-7-36 DATE

.035 CALC.WT. | ACT.WT.

SCALE FULL SIZE

AC

NAVY 24ST SHEET ALUM. ALLOY | 41A10 COND. T | NONE | NONE

MATERIAL | SPEC. | HEAT TREAT | FINISH

L.O.C.	[illegible]	[illegible]	
10-4-36	12-12-36		
DRAFT	CHECK	EXAM.	ENG.

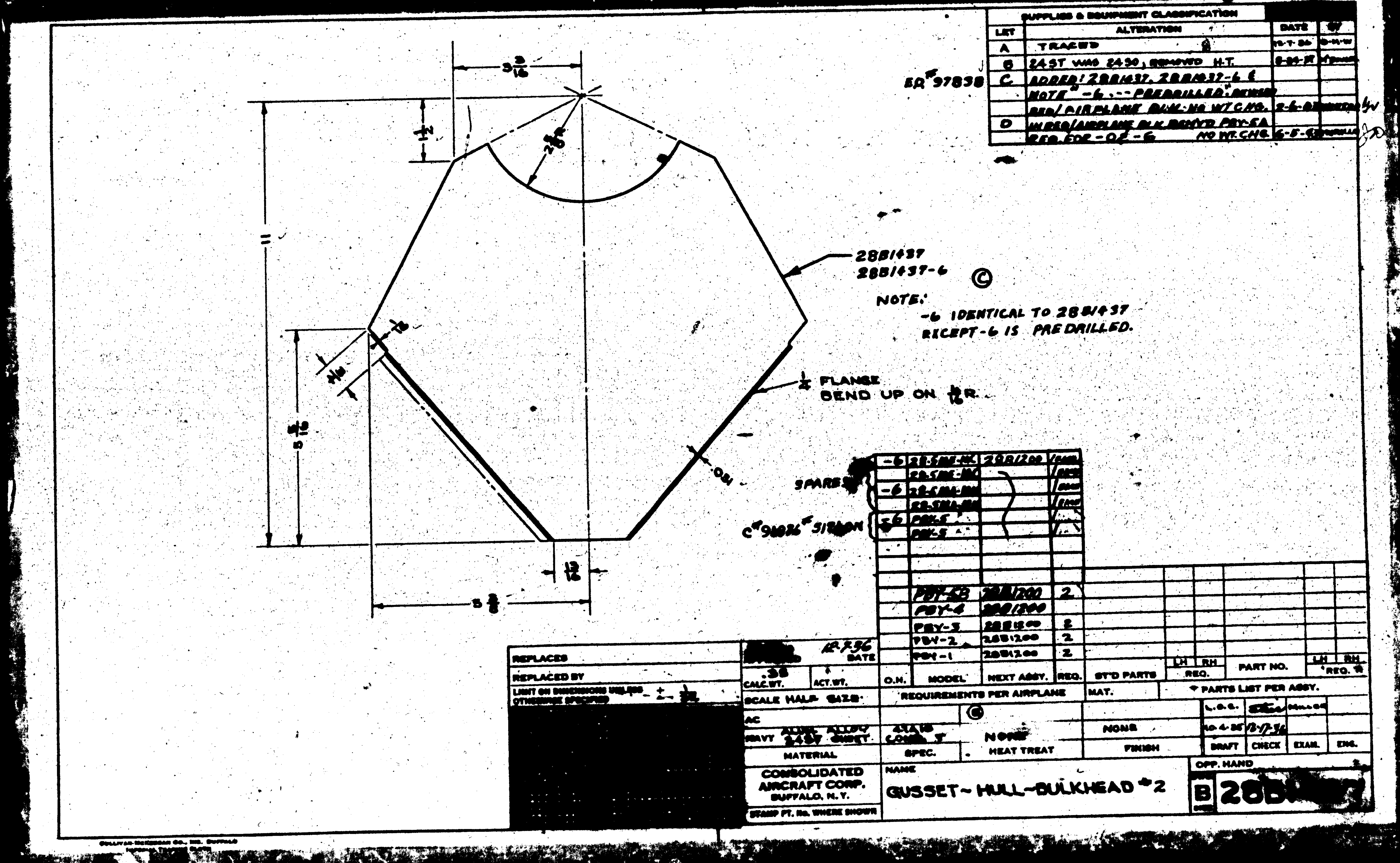
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME GUSSET — HULL BULKHEAD #2 KEEL

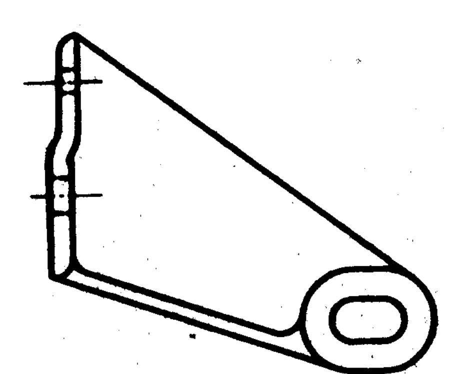
B 2881436

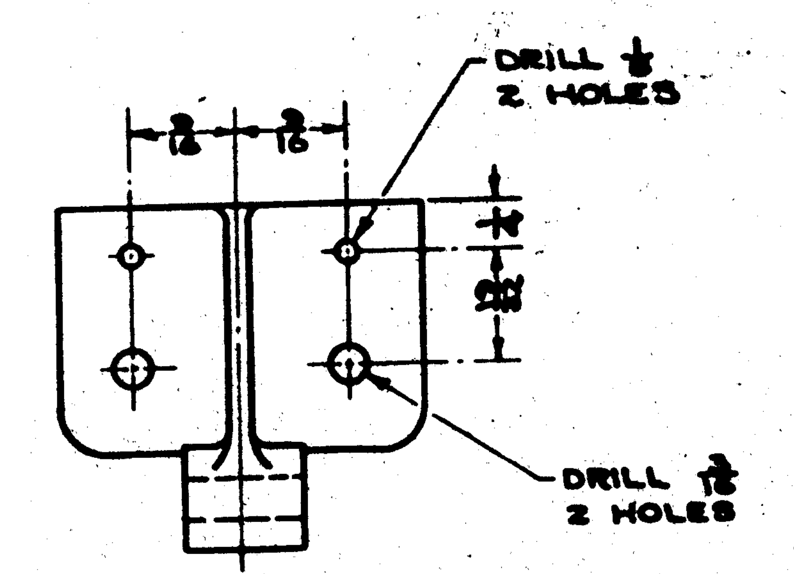

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A TRACED
B 24ST WAS 2430, REMOVED H.T.
C ADDED: 28B1437, 28B1437-6 & NOTE "-6 ... PREDRILLED"
D
ER 97838
28B1437
28B1437-6
NOTE:
-6 IDENTICAL TO 28B1437 EXCEPT -6 IS PREDRILLED.
FLANGE BEND UP ON R.
SPARES
PBY-5B 28B1200 2
PBY-4 28B1200
PBY-3 28B1200 2
PBY-2 28B1200 2
PBY-1 28B1200 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
DATE
CALC.WT.
ACT.WT.
O.N.
MODEL
NEXT ASSY.
REQ.
STD PARTS
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
SCALE HALF SIZE
ALUM. ALLOY 24ST SHEET
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET ~ HULL ~ BULKHEAD #2
B

E.O. B 2026

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-7-36	D.H.W.
B	REMOVE NEXT ASSY. 29B3050-L (2) & ADD PB2Y-3R NEXT ASSY 29B8085 (2) NO. WT. CHG.	4-29-43	R.CH





MAKE FROM 22H128 CASTING

(B)

O.H.	MODEL	NEXT ASSY.	REQ.
	PB2Y-3	29B3050	2
	PB2Y-3R	29B3060	2
	PB2Y-3R	29B3040	2
	PB2Y-3R	29B3030	2
	28-5MN	28B1200	2
	28-5AMN	28B4162	2
	28-5AMC	28B4162	2
	28-5ME	28B1200	2
	28-5MC	28B1200	2
	28-5MA	28B1200	2
	PBY-5	28B1200	2
	PBY-5B	28B1200	2
	PB2Y-3	29B5000-L	2
	PB2Y-3R	29B8085	2
	PB2Y-3	[illegible]	2
	PB2Y-3	29B3030-[illegible]	2
	PBY-5A	28B4162	2
	PBY-4	28B1200	
	PBY-3	28B1200	
	PBY-2	28B1200	2
	PBY-1	28B1200	2

REQUIREMENTS PER AIRPLANE

STD PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.

MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015

APPROVED 12-7-36 DATE

.07 CALC. WT. | ACT. WT.

SCALE FULL SIZE

AC

NAVY NOTED

MATERIAL | SPEC. | HEAT TREAT NONE | FINISH NONE

L.O.C.			
10-4-36	12-17-36		
DRAFT	CHECK	EXAM.	ENG.

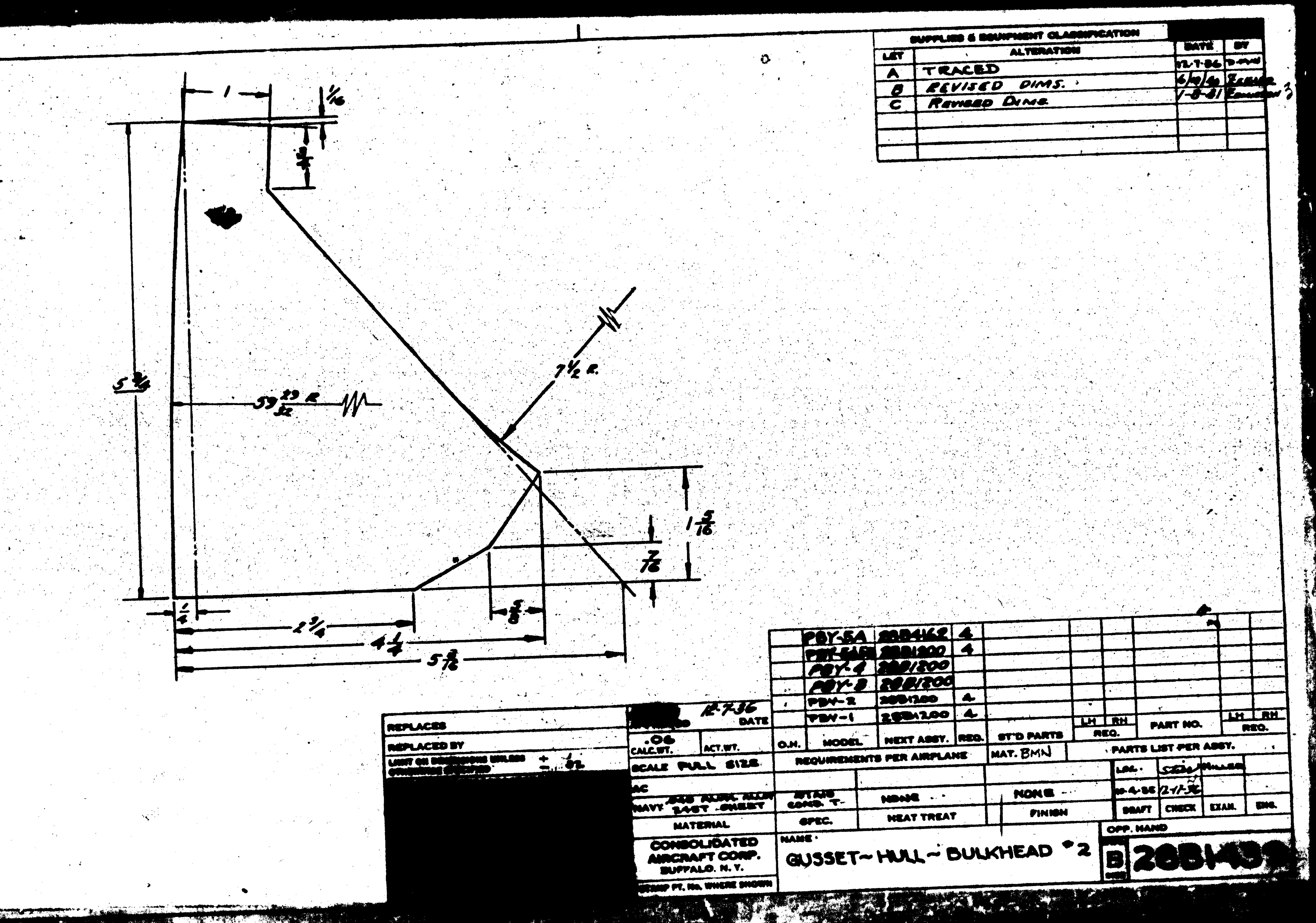
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

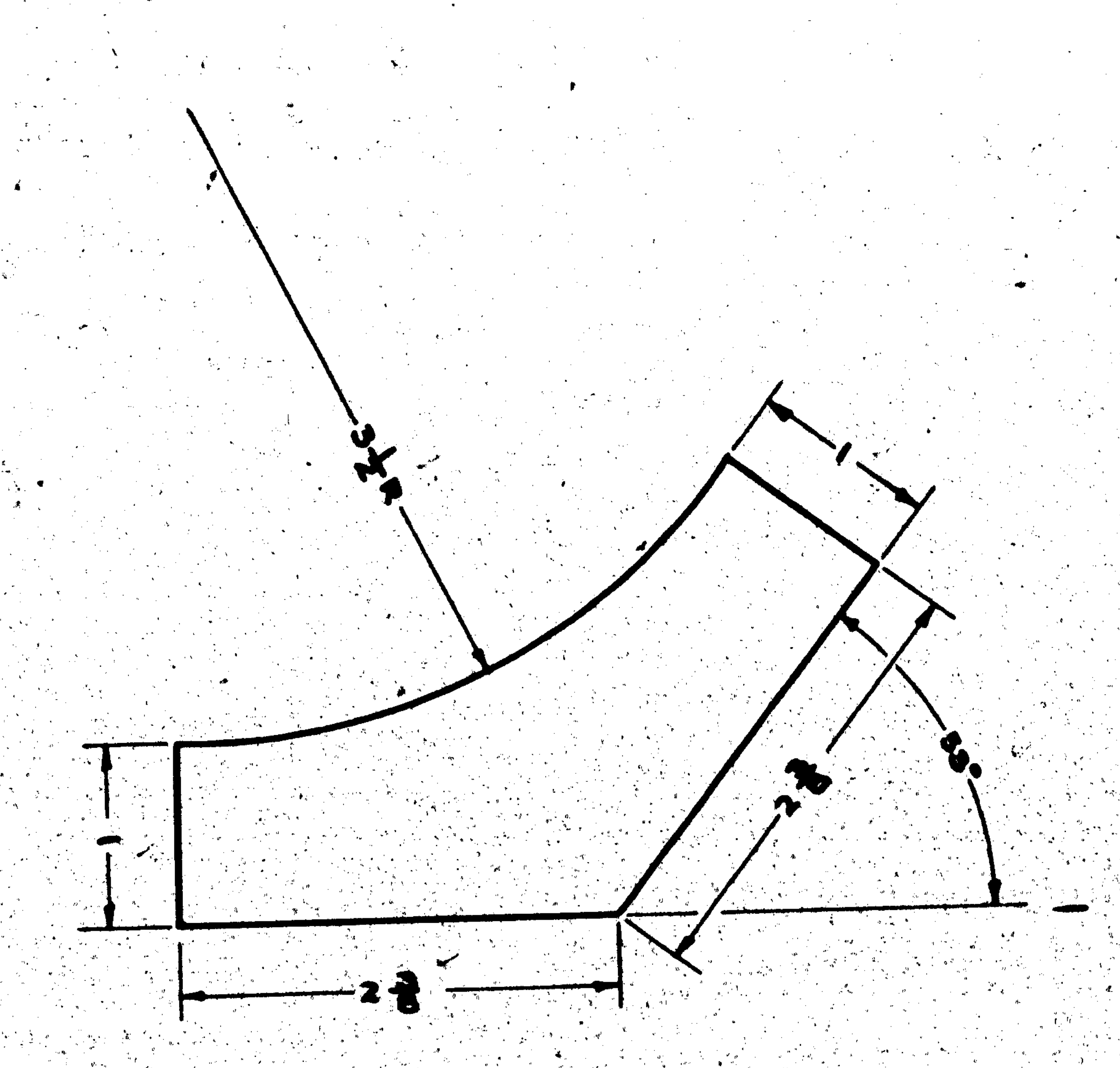
NAME HINGE-HULL-WATERTIGHT DOOR

B 28B1438



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 12-7-36
B | REVISED DIMS. | 1-8-41
C | REVISED DIMS.
1
1/16
3/8
5 3/4
59 29/32 R
7 1/2 R.
1 5/16
7/16
5/8
1/4
2 3/4
4 1/4
5 7/16
PBY-5A | 28B4162 | 4
PBY-5A | 28B1200 | 4
PBY-4 | 28B1200
PBY-3 | 28B1200
PBY-2 | 28B1200 | 4
PBY-1 | 28B1200 | 4
12-7-36 DATE
REPLACES
REPLACED BY
± 1/32
.06 CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
LH RH REQ.
MAT. BMN
PARTS LIST PER ASSY.
SCALE FULL SIZE
REQUIREMENTS PER AIRPLANE
AC
NAVY 24ST SHEET
NONE
NONE
DRAFT
CHECK
EXAM.
ENG.
MATERIAL
SPEC.
HEAT TREAT
FINISH
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
NAME
GUSSET ~ HULL ~ BULKHEAD #2
B

LET	ALTERATION	DATE	BY
A	TRACED	12-7-36	D.M.W.



	PBY-5B	28B1200	2							
	PBY-5A	28BW62	2							
	PBY-4	28B1200								
	PBY-3	28B1200								
	PBY-2	28B1200	2							
	PBY-1	28B1200	2							
					LH	RH	PART NO.	LH	RH	
O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ.			REQ.		
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.					

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED + − .03

[redacted]

APPROVED [redacted] 12-7-36 DATE

.03 CALC. WT. | ACT. WT.

SCALE FULL SIZE

AC			
NAVY 24ST ALUM. ALLOY SHEET	47A10 COND. T	NONE	NONE
MATERIAL	SPEC.	HEAT TREAT	FINISH

L.O.C.	Stoy	Miller	
10-7-35	12-1-36		
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME GUSSET-HULL-BULKHEAD #2

OPP. HAND

SIZE B 28B1440

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-6-36	H.W.

PRICK PUNCH
4 PLACES ON
OTHER SIDE

15/16 — 15/16 — 15/16 — 7/16

3 1/16

3/4

22 1/2°

3/4 x 3/4 x 1/16 PLAIN ANGLE
DIE # K-5401

FINISH: GP
Z-P-[illegible] ON PBY-1
Z-P-[illegible] ON PBY-2 & FUTURE
GP

[redacted]

15140H

	PBY-5B	28B1025	1						
	PBY-5A	28B5995	1						
	PBY-4	28B1025							
	PBY-3	28B1025							
	PBY-2	28B1025	1						
	PBY-1	28B1025	1						
	PBY-CB	28B3951	1		LH	RH		LH	RH
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ.		PART NO.	REQ.	
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.				

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± .03

[redacted]

APPROVED: [illegible] 12-8-36 DATE

CALC. WT.	ACT. WT.
#.03	

SCALE FULL SIZE

AC				S.O.I.	[illegible]		
NAVY ALUM. ALLOY EXTRUSION	24S-T COND. T	NONE	NOTED	10-9-36	12-1-36		
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: CLIP-HULL-KEEL TRUSS AT STEP — STA. #5-L.H.

OPP. HAND

B 28B1443

SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-8-36	D.H.W.

$22\frac{1}{2}°$

$3\frac{9}{16}$

$\frac{3}{4} \times \frac{3}{4} \times \frac{1}{16}$ PLAIN ANGLE
DIE #K-5401

[redacted]

FINISH:
Z-P-ANO ON PBY-1
Z-P-AL ON PBY-2 & FUTURE
GP

#15110N

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28B1025	1
	PBY-5A	28B5945	1
	PBY-4	28B1025	
	PBY-3	28B1025	
	PBY-2	28B1025	1
	PBY-1	28B1025	1
	PBY-5B	28B5957	1

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±

[redacted]

[redacted] 12-8-36 DATE
.03 CALC. WT. — ACT. WT.
SCALE FULL SIZE

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC / NAVY ALUM. ALLOY EXTRUSION	24AS COND. T	NONE	NOTED

B.O.I.	Stein	Miller	
10-9-36	12-17-36		
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

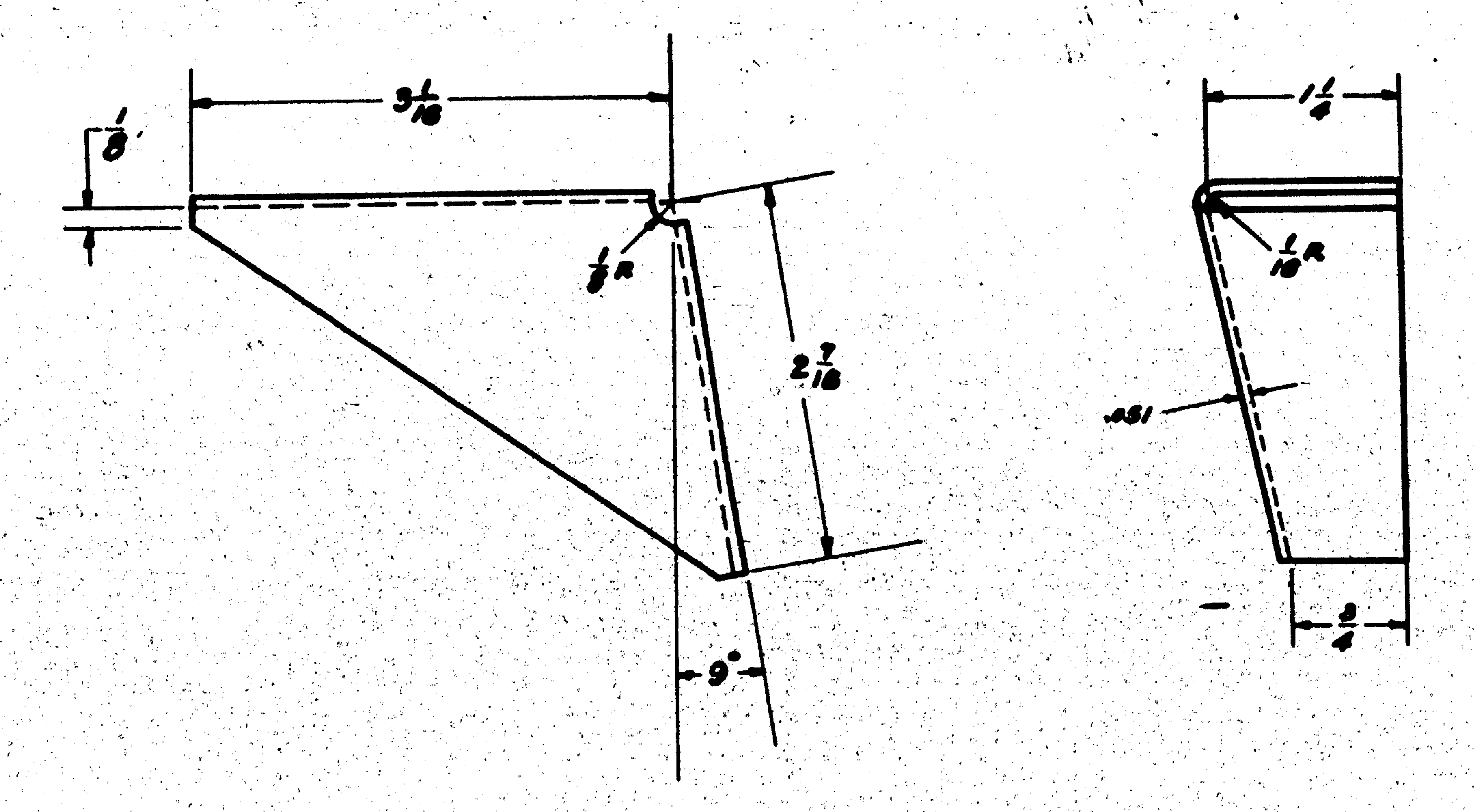
STAMP PT. No. WHERE SHOWN

NAME
CLIP-HULL-KEEL TRUSS AT STEP ~ STA. #5-R.H.

OPP. HAND

DWG. B 28B1448

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-5-36	[illegible]



O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28B1300	1						
	PBY-5A	28B1300	1						
	PBY-4	28B1300							
	PBY-3	28B1300							
	PBY-2	28B1300							
	PBY-1	28B1300							

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

[redacted] 12-5-36 DATE

.005 CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

AC 2490

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY AL. ALLOY SH	47A10 COND A	SR-53 COND. T	NONE	L.O.C. 12-4-36	[illegible] 12-5-36	Miller	

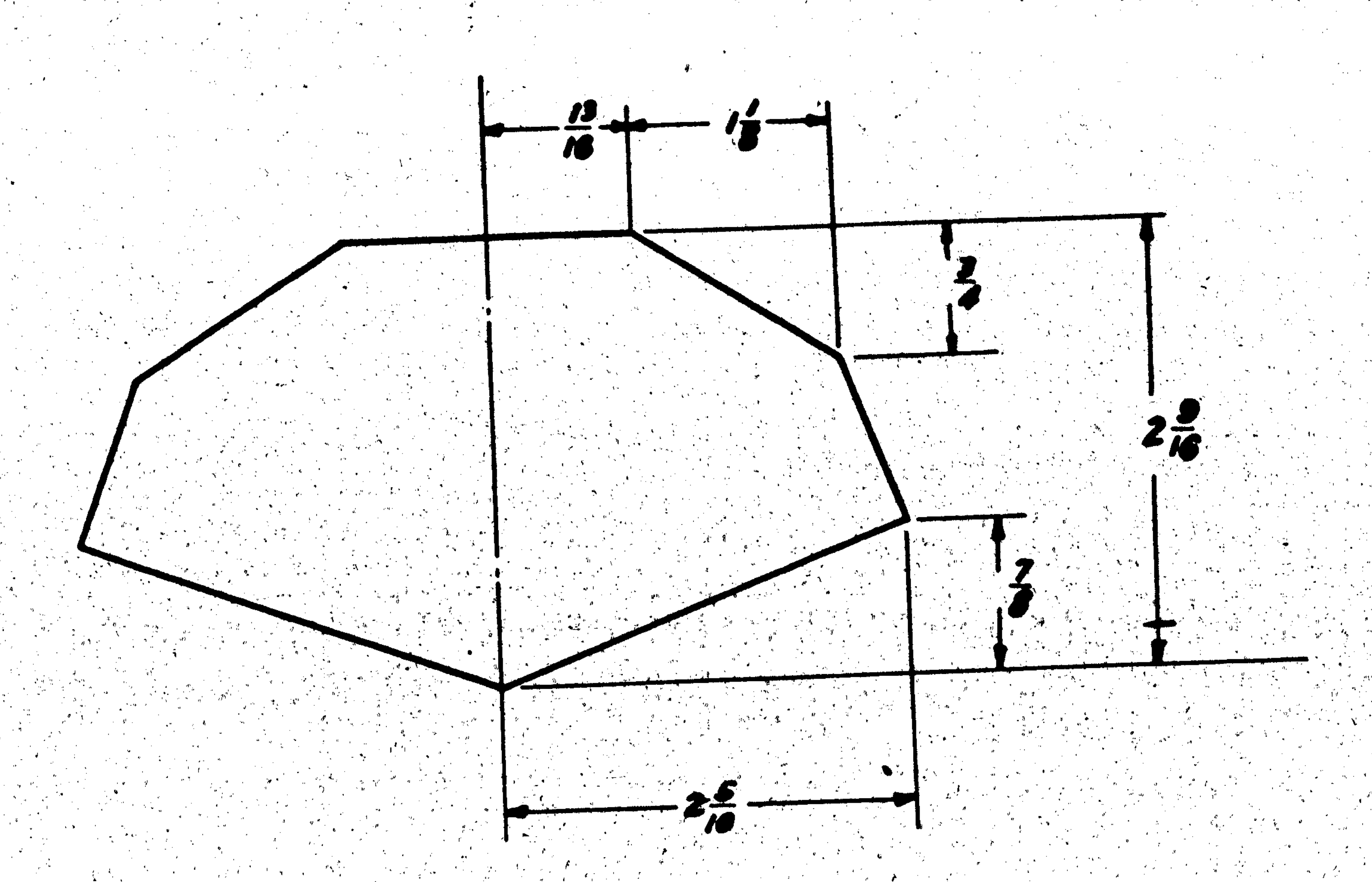
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: BRACE-HULL- FLOOR FASTENER STA #3

OPP. HAND

B 28B1453



LET	ALTERATION	DATE	BY
A	TRACED	[illegible]	

O.H.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28B1300	1
	PBY-5A	28B1300	1
	PBY-4	28B1300	
	PBY-3	28B1300	
	PBY-2	28B1300	
	PBY-1	28B1300	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

[redacted] 12-5-36 DATE

.03 KRA CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

NAVY .040 AL ALLOY SH. — MATERIAL

QQ-A-?, COND T (reading uncertain) — SPEC.

NONE — HEAT TREAT

NONE — FINISH

DRAFT	CHECK	EXAM.	ENG.
L.O.G. 10-2-35	[illegible] 12-5-36	MILLER	

OPP. HAND

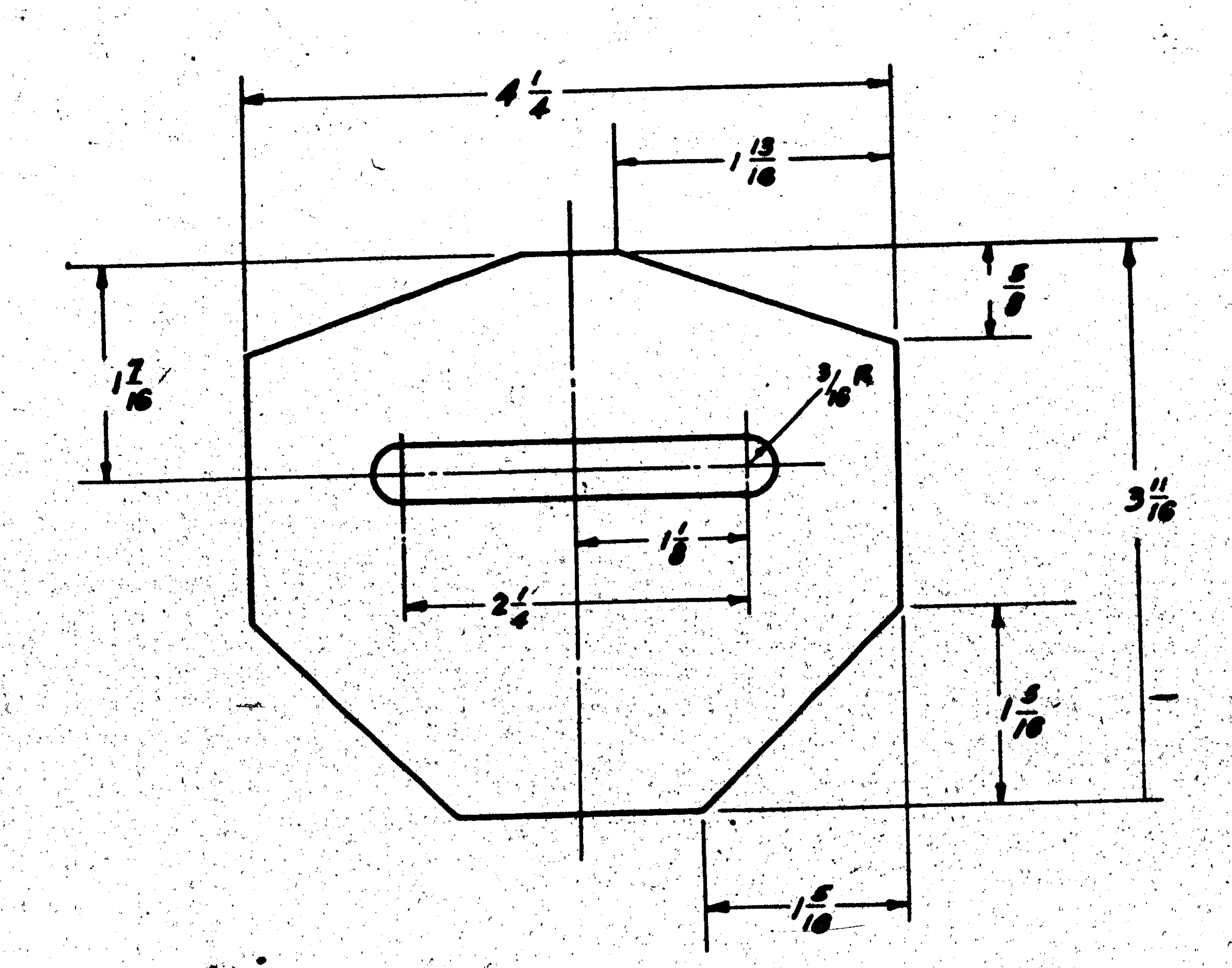
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: GUSSET-HULL-BULKHEAD #3 KEEL

SIZE B — 28B1454

SULLIVAN-MCMAHON CO., INC. BUFFALO — IMPERIAL TRACING CLOTH



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-8-36	CCB

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28B1300	2						
	PBY-5A	28B1300	2						
	PBY-4	28B1300							
	PBY-3	28B1300							
	PBY-2	28B1300	2						
	PBY-1	28B1300	2						

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

[redacted] 12-5-36 DATE

.08 KRA CALC.WT. | ACT.WT.

SCALE 18" = 1'-0"

AC

NAVY .040 AL ALLOY 24ST

MATERIAL

SPEC.	HEAT TREAT	FINISH
47A10 COND T	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
L.O.C.			
10-30-36	12-6-36		

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

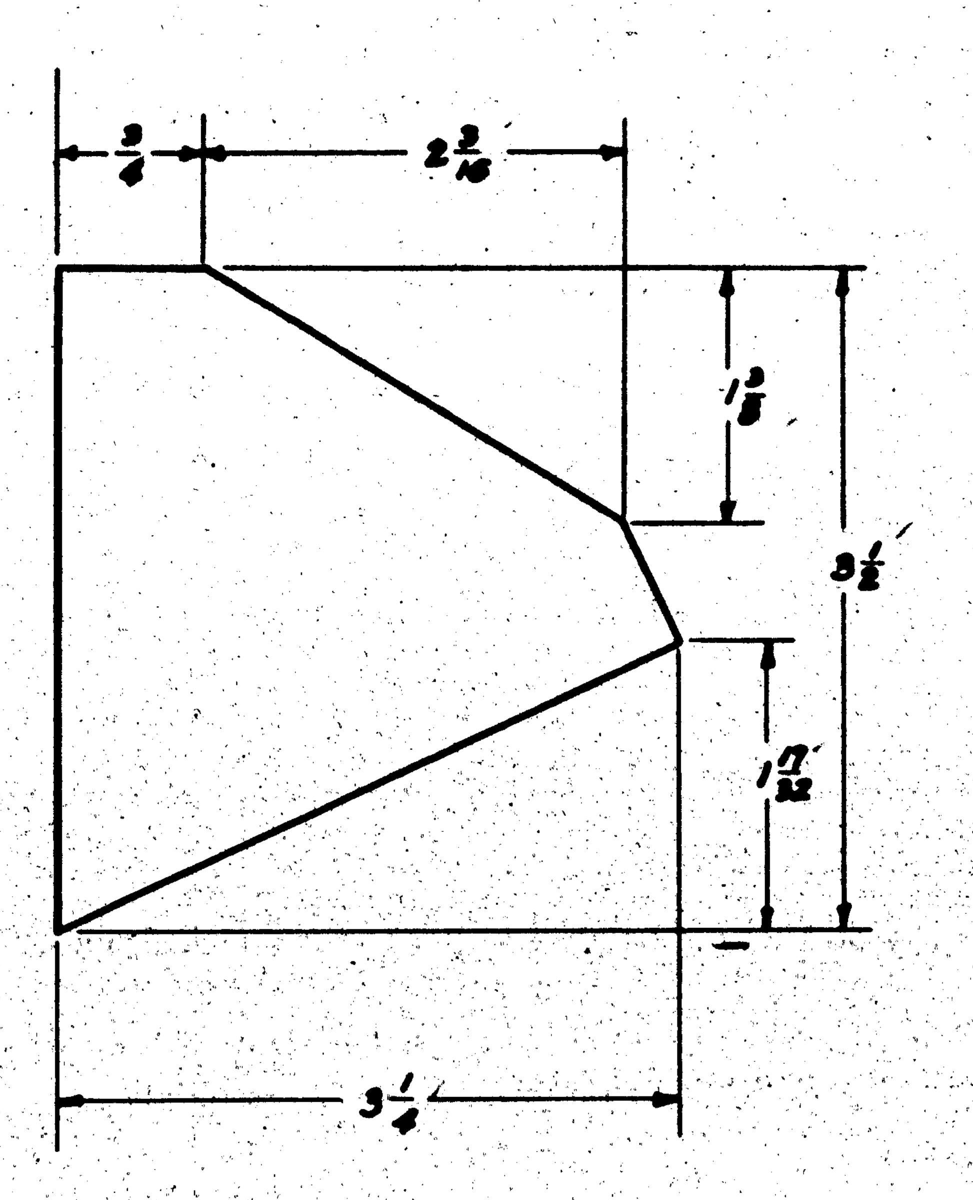
NAME: GUSSET-HULL-BULKHEAD #3

OPP. HAND

B 28B1455

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-5-36	[illegible]



O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-4	28B1250							
	PBY-3	28B1250							
	PBY-2	28B1250	2						
	PBY-1	28B1250	2						

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

[redacted] 12-5-36 DATE

CALC. WT. .035 KRA — ACT. WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY, DEI AL ALLOY SR.	47A10 COND. T	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
L.O.C.	[signature]	GREEN	
10-29-36	11-5-36	11-11-36	

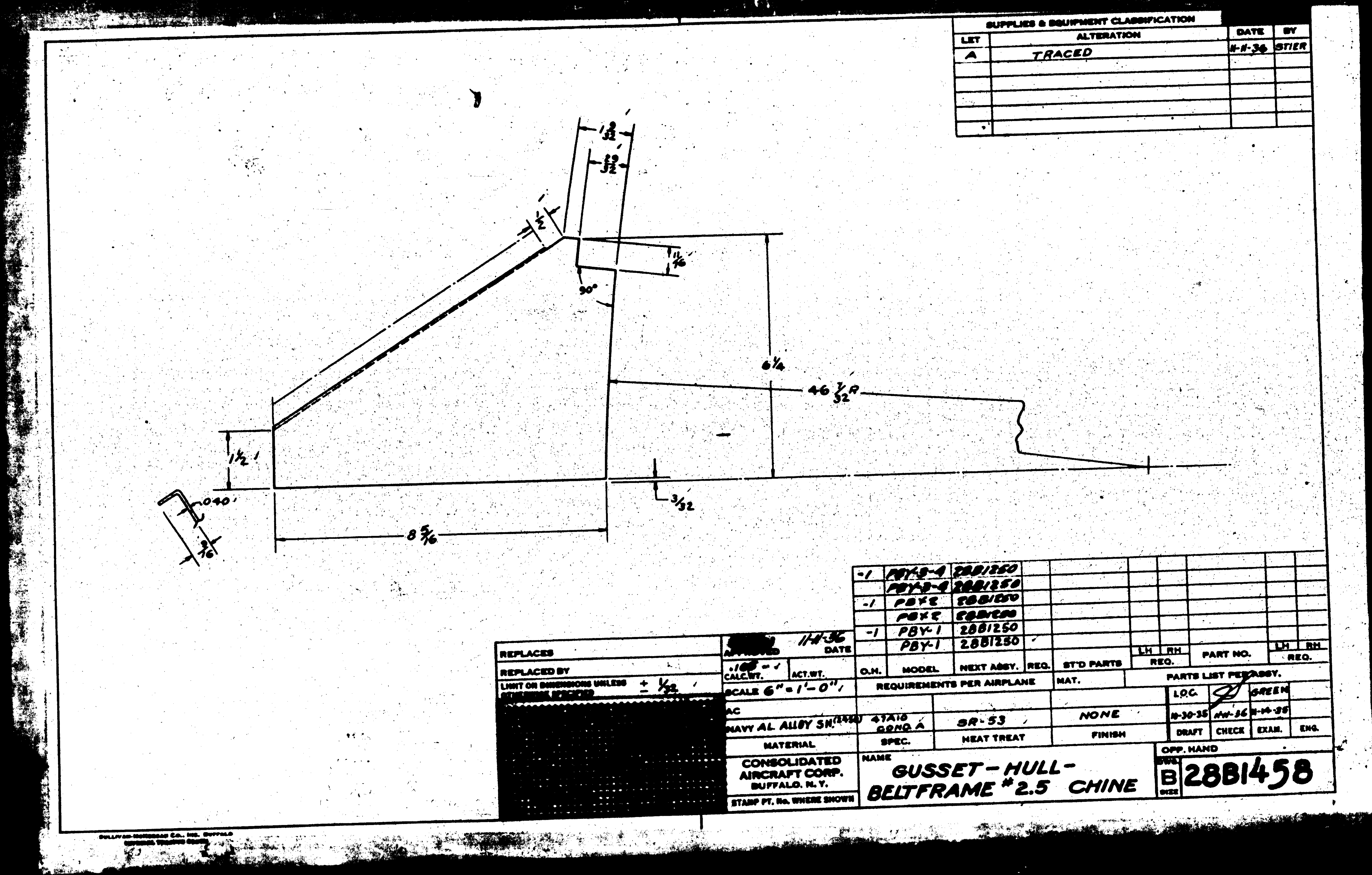
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

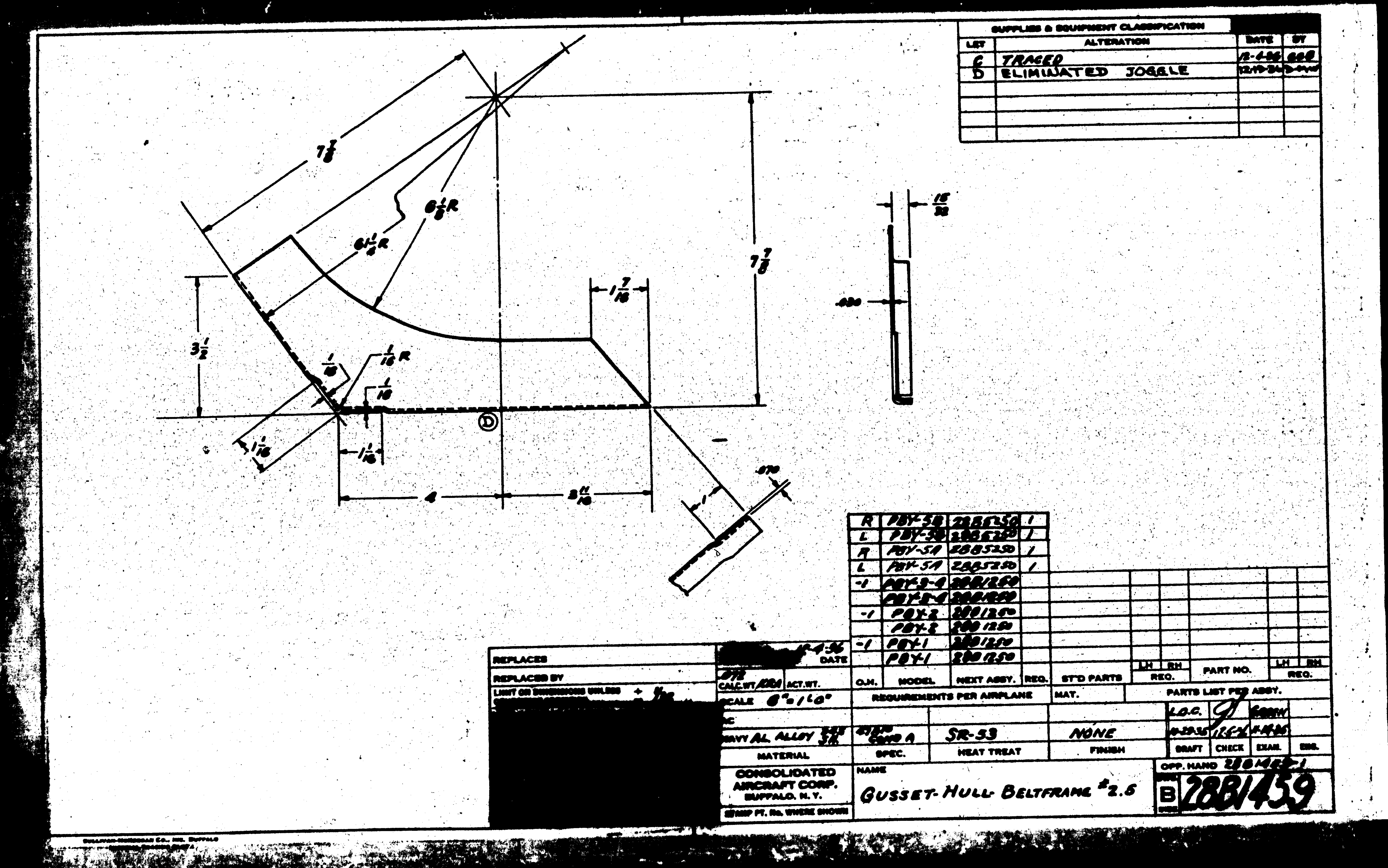
NAME: GUSSET - HULL - BELTFRAME #2.5 KEEL

OPP. HAND

B 28B1457

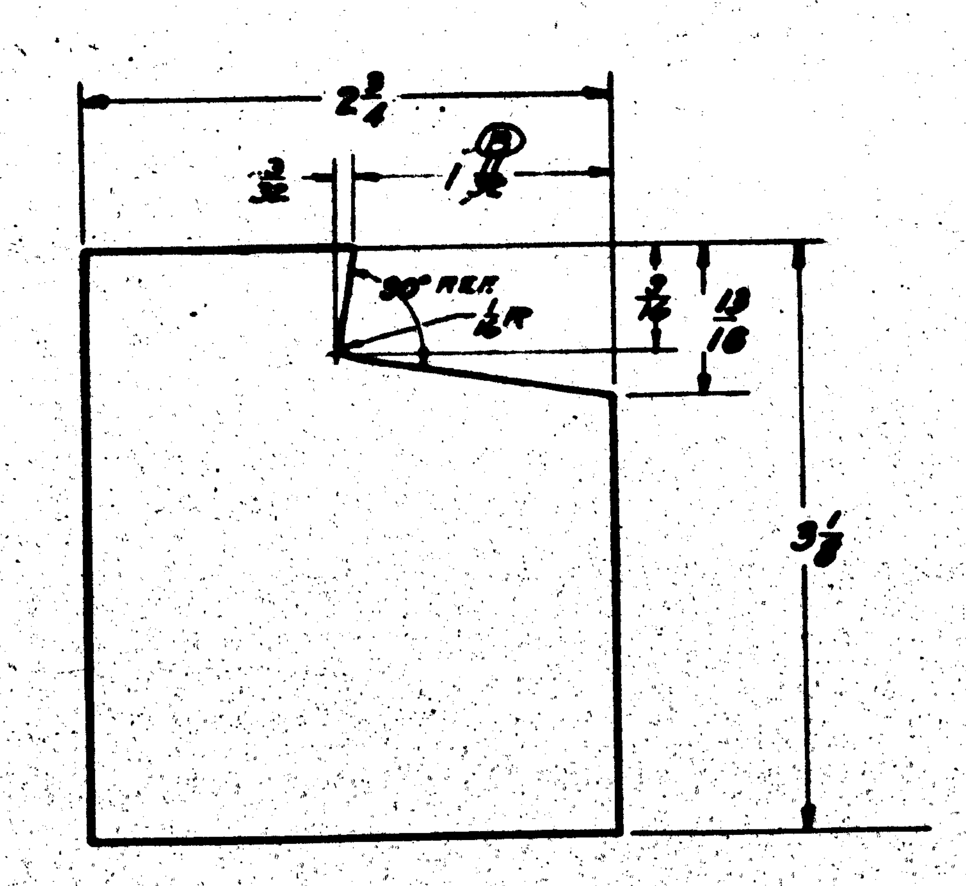


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
11-11-36
STIER
1 9/32
29/32
1/2
11/16
90°
6 1/4
46 7/32 R
1 1/2
.040
9/16
8 5/16
3/32
-1 PBY-3-4 28B1250
PBY-3-4 28B1250
-1 PBY-2 28B1250
PBY-2
-1 PBY-1 28B1250
PBY-1 28B1250
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH
REQ.
PART NO.
LH RH
REQ.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted] APPROVED 11-11-36 DATE
CALC.WT.
ACT.WT.
SCALE 6" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY AL ALLOY SH.
47A10 COND A
SR-53
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
LOG.
GREEN
10-30-35
11-11-36
11-14-35
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET-HULL-BELTFRAME #2.5 CHINE
DWG. B SIZE
28B1458


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
C
TRACED
12-4-36
D
ELIMINATED JOGGLE
12/10-36
7 7/8
6 1/8 R
6 1/4 R
7 7/8
1 7/16
3 1/2
1/16
1/16 R
1/16
1 1/16
1 1/16
4
3 11/16
15/32
.030
.070
1
R
PBY-5B
28B5250
1
L
PBY-5B
28B5250
1
R
PBY-5A
28B5250
1
L
PBY-5A
28B5250
1
-1
PBY-3-4
28B1250
PBY-3-4
28B1250
-1
PBY-2
28B1250
PBY-2
28B1250
-1
PBY-1
28B1250
PBY-1
28B1250
REPLACES
REPLACED BY
[redacted] 12-4-36
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 6"=1'0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
L.O.C.
NAVY AL. ALLOY
SR-53
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET-HULL-BELTFRAME #2.5
OPP. HAND
B
28B1459
[redacted]

LET	ALTERATION	DATE	BY
A	TRACED	12-2-36	C.e.B.
B	CHANGED CORNER CUTOUT	6-30-37	MEA

SUPPLIES & EQUIPMENT CLASSIFICATION



O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-2-4	28B1475	2						
	PBY-2-4	28B1450	2						
	PBY-2-4	28B1425	2						
	PBY-2-4	28B1366	2						
	PBY-2-4	28B1333	2						
	PBY-2-4	28B1250	2						
	PBY-1-3	28B1475	2						
	PBY-1-3	28B1450	2						
	PBY-1-3	28B1425	2						
	PBY-1-3	28B1366	2						
	PBY-1-3	28B1333	2						
	PBY-1-3	28B1250	2						

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted] 12-2-36 DATE

.041 CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY .051 AL. ALLOY SH.	47A10 COND. T	NONE	NONE	L.O.C. / 10-28-36	12-5-36	BROWN / 11-16-36	
MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

NAME: GUSSET- HULL BELTFRAME

OPP. HAND

B 28B1460

[redacted]

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-4-35	[illegible]
B	ON DWG. [illegible] AWS. NEZZ T & [illegible] AWS. NEZZ T	[illegible]	[illegible]

28-6 MF/MN, PBY-5

4 3/4

B

.050

2 5/8

7/8

5/8

1/8 R

FINISH:
Z-P-[illegible] ON PBY-1
Z-P-[illegible] ON PBY-2 & FUTURE
GP

GP GREEN PRIME

[redacted]

SAME FOR PBY-5B

	MODEL	NEXT ASSY.	REQ.
	28-5 MN/MC	28B1152	2
	28-5 MN/MC	28B1153	2
	28-5 MN/MN	28B1146	2
	28-6 MN/MN	28B1147	2
	[illegible]	28B1149	2
	[illegible]	28B1152	2
	28-6 MN/MN	28B1153	2
	PBY-5&5A	28B1151	2M
	PBY-5&5A	28B1146	2M
	PBY-5&5A	28B1147	2M
	PBY-5&5A	28B1149	2M
	PBY-5&5A	28B1152	2M
	PBY-5&5A	28B1153	2M
	PBY-2-4	28B1153	2
	PBY-2-4	28B1152	2
	PBY-2-4	28B1151	2
	PBY-2-4	28B1149	2
	PBY-2-4	28B1147	2
	PBY-2-4	28B1146	2
	PBY-1-3	28B1153	2
	PBY-1-3	28B1152	2
	PBY-1-3	28B1151	2
	PBY-1-3	28B1149	2
	PBY-1-3	28B1147	2
	PBY-1-3	28B1146	2

	MODEL	NEXT ASSY.	REQ.
	28-5 MN/MC	28B1149	2
	28-5 MN/MC	28B1147	2
	28-5 MN/MC	28B1146	2
	28-5 MN/MC	28B1151	2
	[illegible] MN	28B1153	2
	[illegible] MN	28B1152	2
	[illegible] MN	28B1149	2
	[illegible] MN	28B1147	2
	[illegible] MN	28B1146	2
	[illegible] MN	28B1151	2

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH	RH	PART NO.	LH	RH
					REQ.			REQ.	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

[redacted] 12-4-35 DATE

.036 CALC.WT. [illegible] ACT.WT.

SCALE 12"=1'0"

[illegible] SHEET

NAVY AL ALLOY SHT	[illegible] -T	NONE	NOTED
MATERIAL	SPEC.	HEAT TREAT	FINISH

[illegible]	[illegible]	MILLER	
12-20-35	12-5-35		
DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

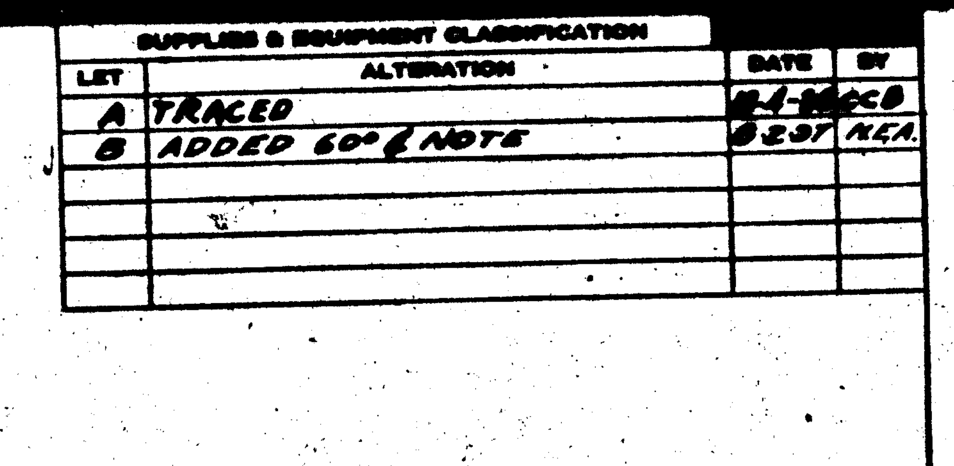
NAME
REINFORCEMENT - HULL - DECK AT SUPERSTRUCTURE BELTFRAMES

OPP. HAND

B 28B1163

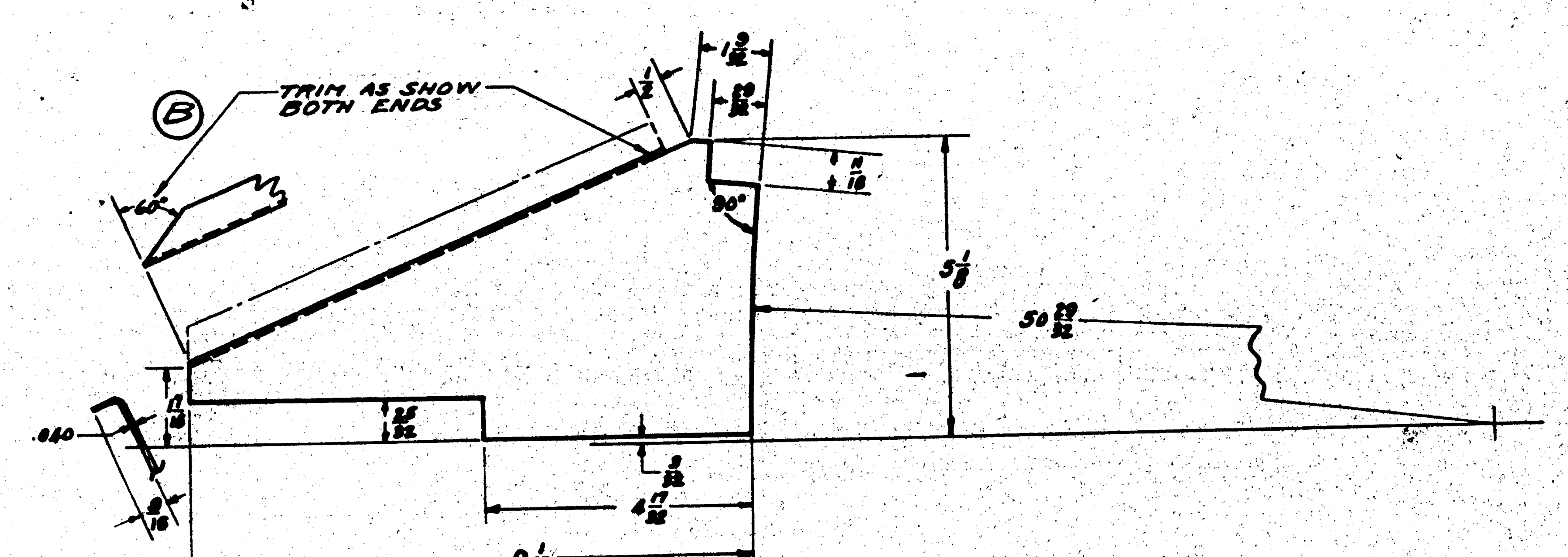
[redacted]

SULLIVAN-McKEOGAN CO., INC. BUFFALO



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-4-36	C.B.
B	ADDED 60° & NOTE	8-2-37	H.E.A.



O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
-1	PBY-3-4	28B1333							
	PBY-3-4	28B1333							
-1	PBY-2	28B1333							
	PBY-2	28B1333							
-1	PBY-1	28B1333							
	PBY-1	28B1333							

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

[redacted] 12-4-36 DATE

.48 AREA CALC.WT. | ACT.WT.

SCALE 12" = 2'-0"

2490

NAVY AL.ALLOY SH.

MATERIAL

SPEC.	HEAT TREAT	FINISH
47A10 COND A	SR-53	NONE

DRAFT	CHECK	EXAM.	ENG.
L.O.C.			
11-1-36	12-5-36	12-14-36	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

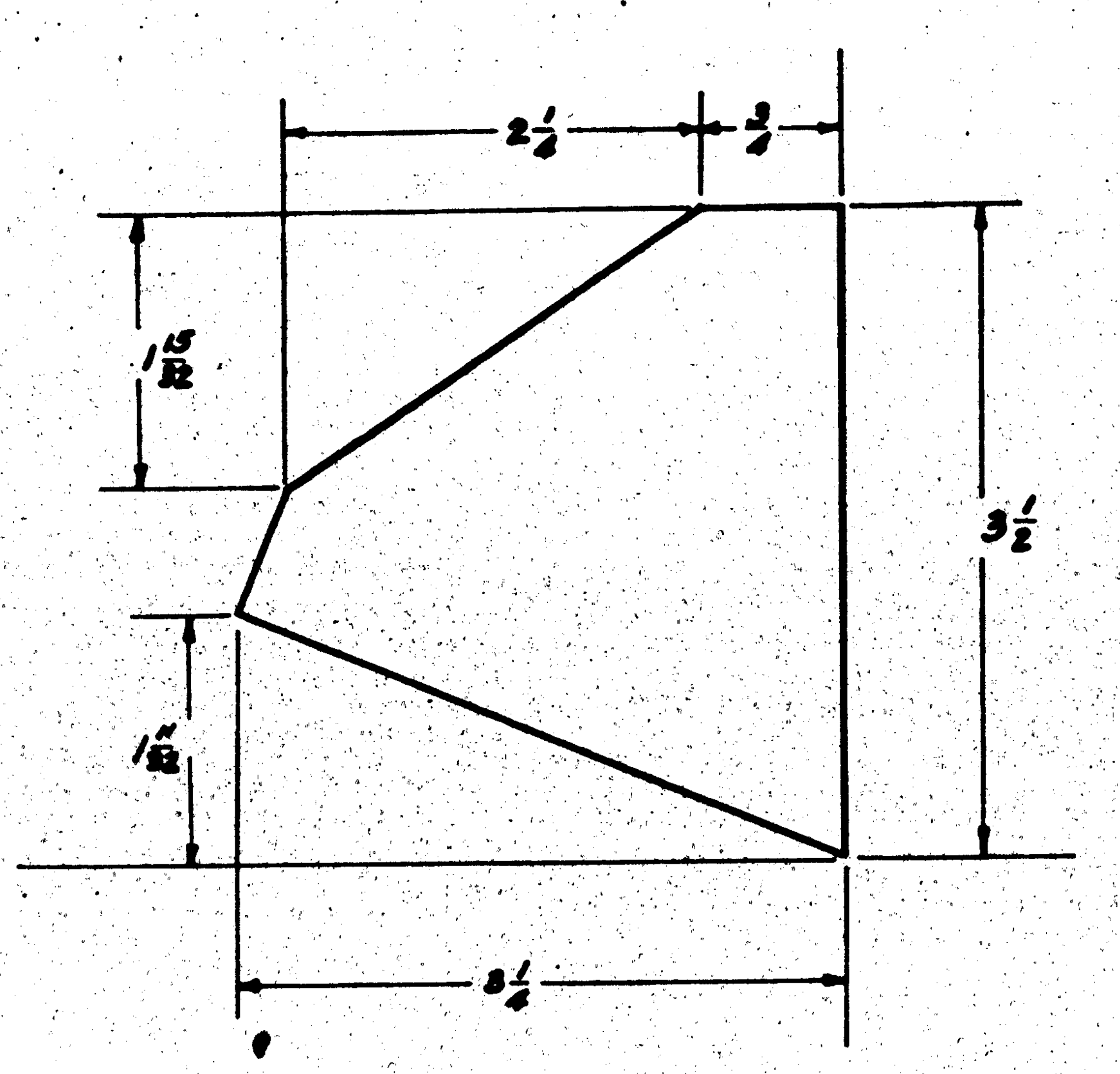
STAMP PT. No. WHERE SHOWN

NAME BUSSET-HULL-BELTFRAME #3.33 CHINE

OPP. HAND 28B1467-1

B 28B1467

LET.	ALTERATION		
A	TRACED	12-4-36	GGB



	PBY-2-4	28B1475	2
	PBY-2-4	28B1450	2
	PBY-2-4	28B1425	2
	PBY-2-4	28B1366	2
	PBY-2-4	28B1333	2
	PBY-1-3	28B1475	2
	PBY-1-3	28B1450	2
	PBY-1-3	28B1425	2
	PBY-1-3	28B1366	2
	PBY-1-3	28B1333	2
O.H.	MODEL	NEXT ASSY.	REQ.
REQUIREMENTS PER AIRPLANE			

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
MAT.	PARTS LIST PER ASSY.				

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

APPROVED 12-4-36 DATE

.035 CALC. WT. KRA ACT. WT.

SCALE 12" = 1'-0"

AC

NAVY .051 AL. ALLOY SH. — 47A10 COND T — NONE — NONE

MATERIAL — SPEC. — HEAT TREAT — FINISH

DRAFT	CHECK	EXAM.	ENG.
L.O.C.	[signature]	GREEN	
11-1-35	12-5-36	11-14-35	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

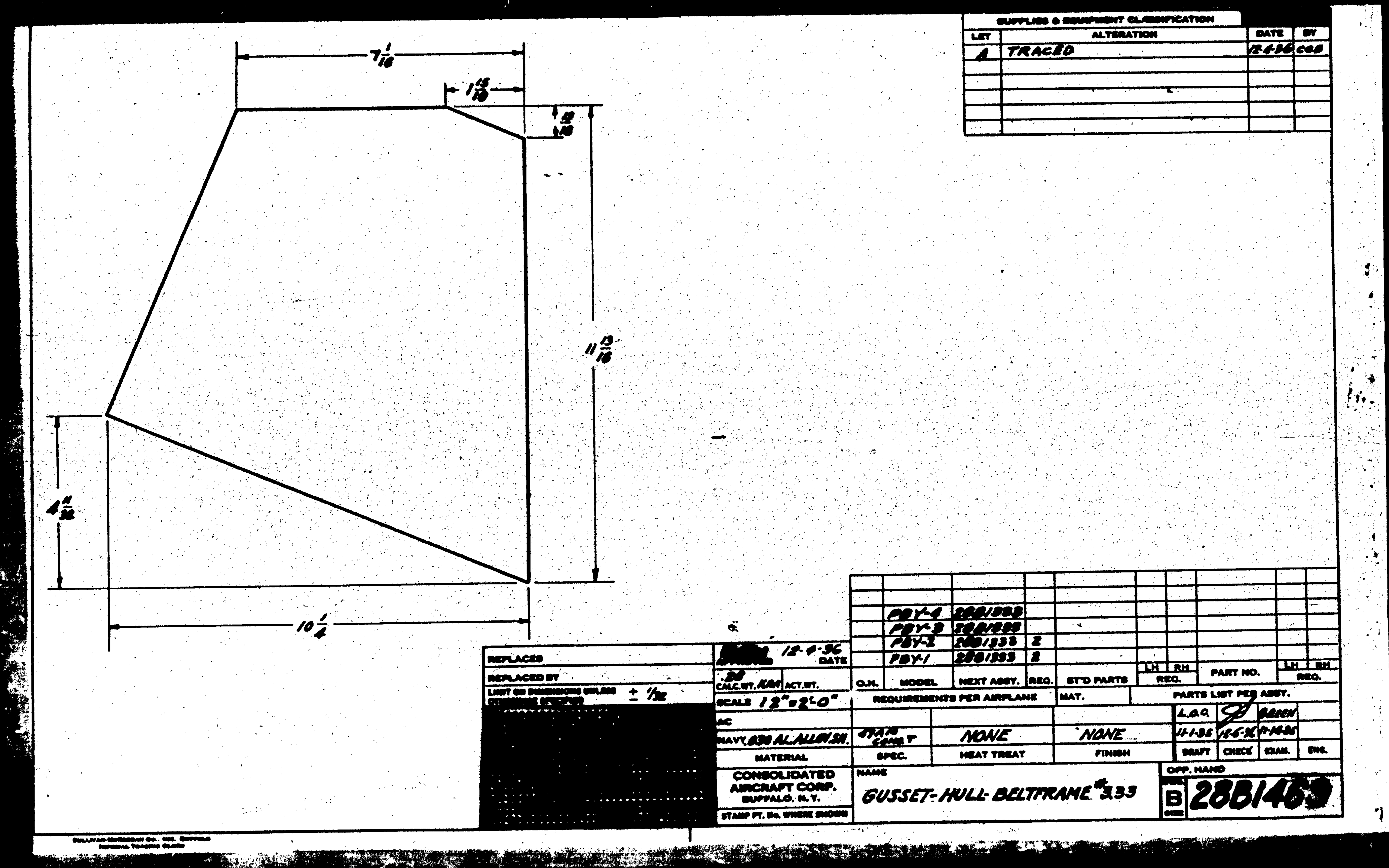
STAMP PT. No. WHERE SHOWN

NAME: GUSSET-HULL-BELTFRAME #3.33 KEEL

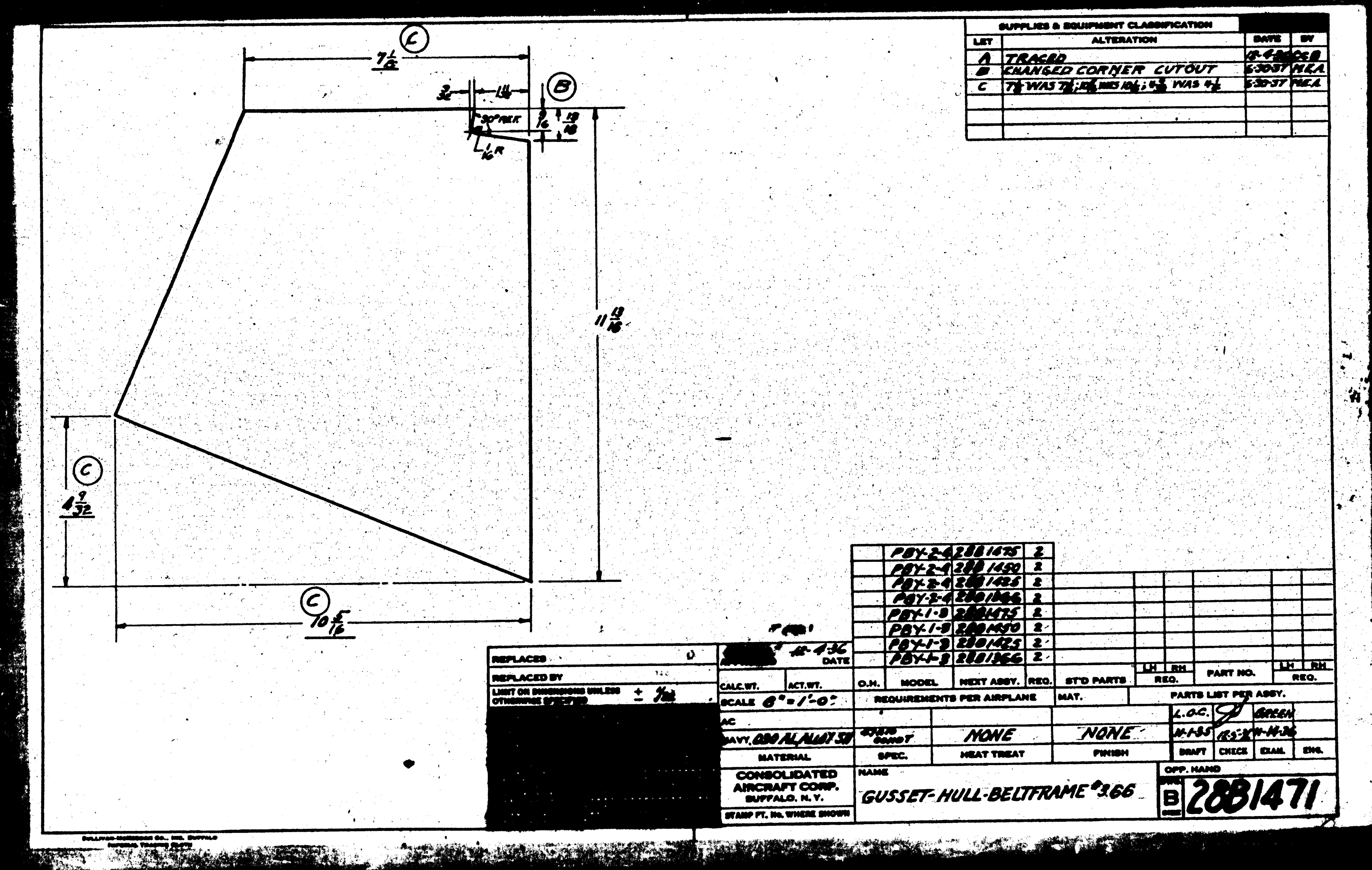
A

OPP. HAND

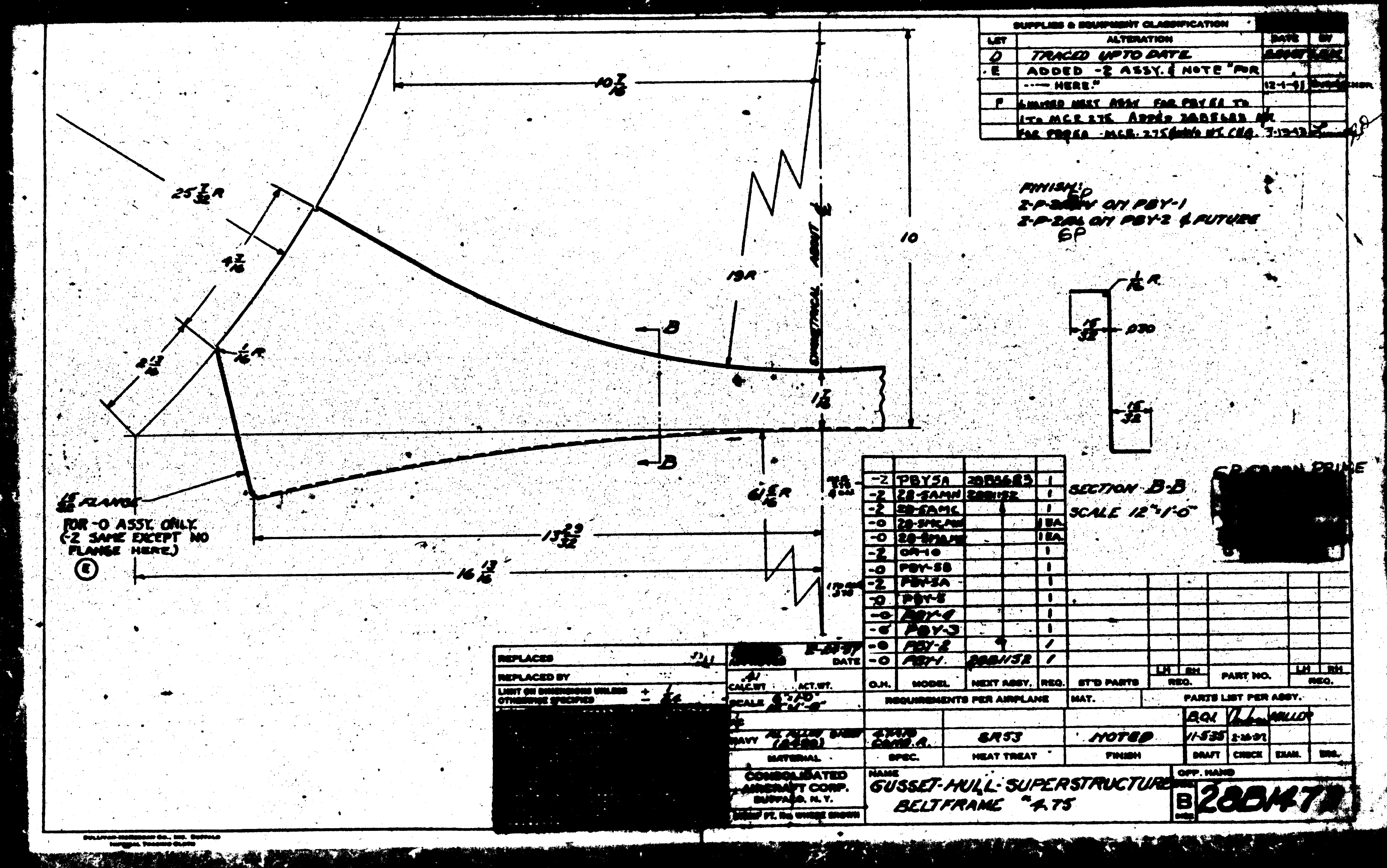
B 28B1468



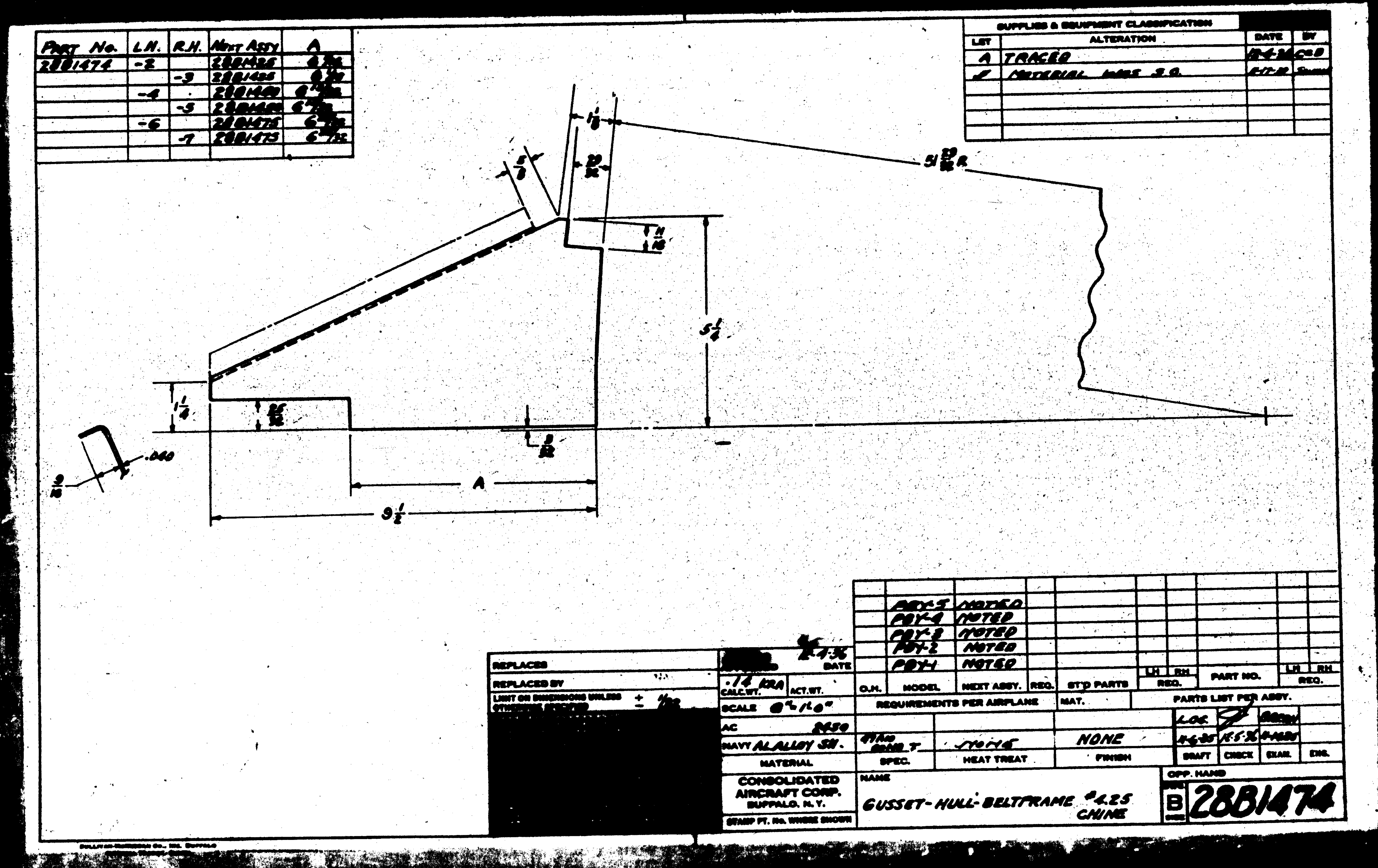
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
12-4-36
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
APPROVED 12-4-36 DATE
CALC.WT.
ACT.WT.
SCALE 12" = 2'-0"
NAVY
MATERIAL
SPEC.
NONE
HEAT TREAT
NONE
FINISH
PBY-4 28B1333
PBY-3 28B1333
PBY-2 28B1333 2
PBY-1 28B1333 2
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
REQ.
PART NO.
REQ.
LH RH
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET- HULL- BELTFRAME #333
OPP. HAND
B
28B1469



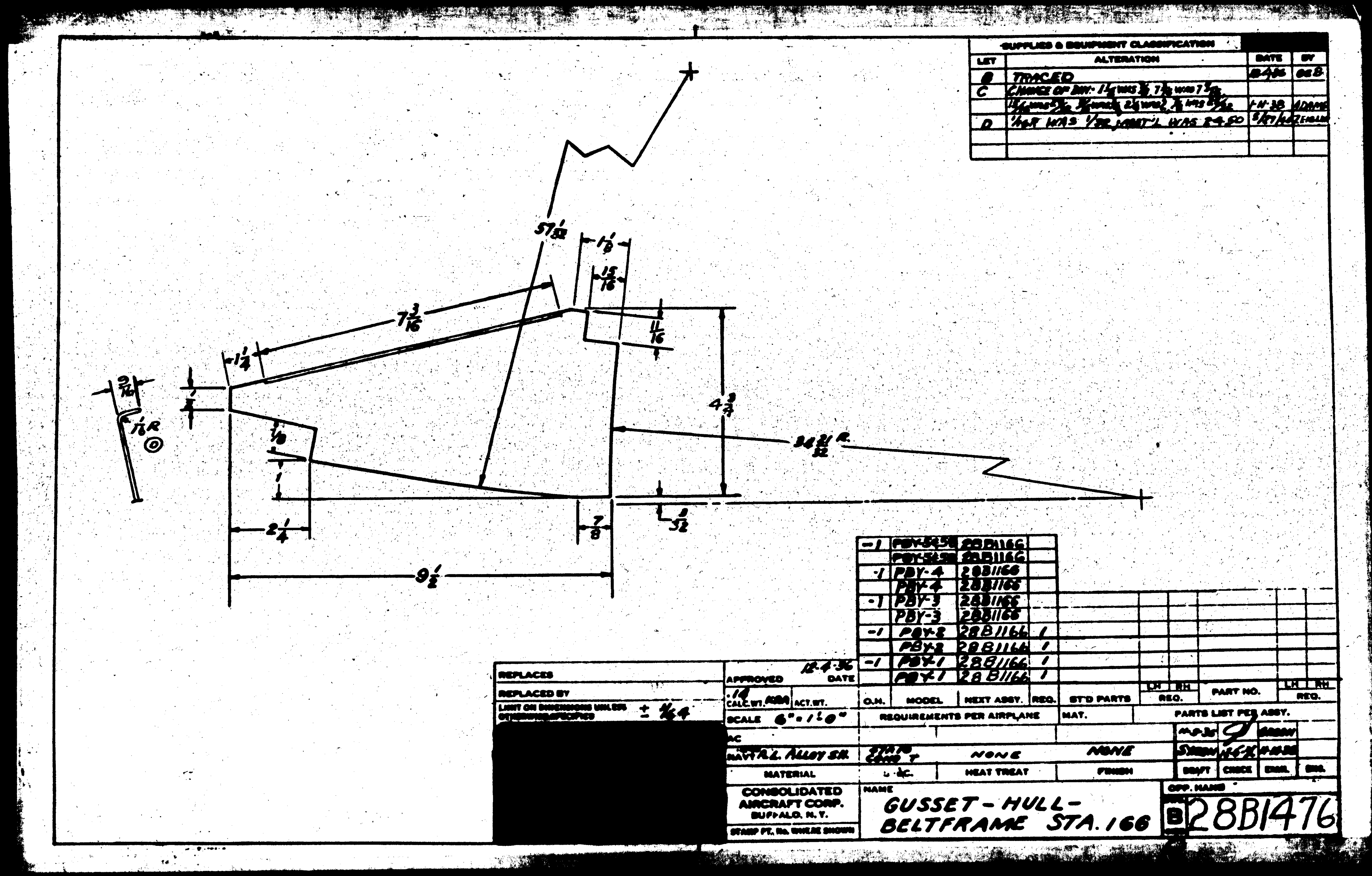
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A TRACED
B CHANGED CORNER CUTOUT
C WAS
30° REF.
11 13/16
4 9/32
10 5/16
PBY-2-4 28B1475 2
PBY-2-4 28B1450 2
PBY-1-3 2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
[redacted]
DATE
CALC. WT.
ACT. WT.
SCALE 6" = 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET-HULL-BELTFRAME #3.66
OPP. HAND
B
28B1471

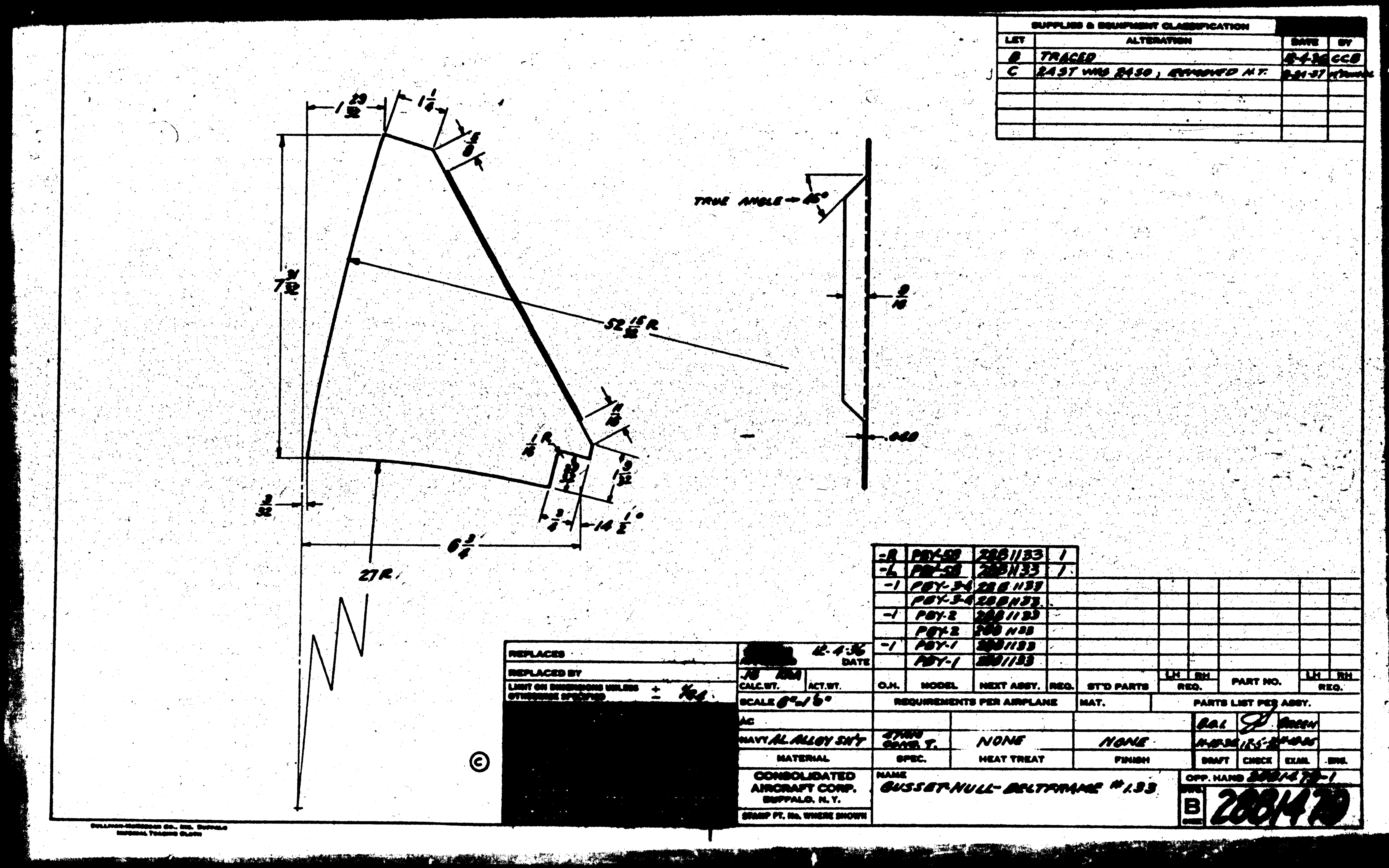


SUPPLIES & EQUIPMENT CLASSIFICATION
ALTERATION
D TRACED UP TO DATE
E ADDED -2 ASSY. & NOTE "FOR ---- HERE." 12-1-41
FINISH:
10 7/16
25 7/32 R
4 7/16
2 13/16
1/16 R
19 R
SYMMETRICAL ABOUT ℄
10
1 7/16
B
B
15/32 FLANGE
FOR -0 ASSY. ONLY
(-2 SAME EXCEPT NO FLANGE HERE)
E
13 29/32
16 13/16
6 1/2 R
1/16 R
.030
15/32
15/32
SECTION B-B
SCALE 12" = 1'-0"
-2 PBY5A
-2 28-5AMN
-2 28-5AMC
-0 28-5MC
-0 28-5MA
-2 OA-10
-0 PBY-5B
-2 PBY-5A
-0 PBY-5
-0 PBY-4
-0 PBY-3
-0 PBY-2
-0 PBY-1 28B1152 1
O.H. MODEL NEXT ASSY. REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS
REQ.
PART NO.
PARTS LIST PER ASSY.
LH RH
MAT.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
APPROVED
DATE
CALC.WT.
ACT.WT.
SCALE
NAVY
MATERIAL
SPEC.
8R53
HEAT TREAT
NOTED
FINISH
DRAFT
CHECK
EXAM.
ENG.
MILLER
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
NAME
GUSSET-HULL-SUPERSTRUCTURE
BELTFRAME #4.75
OPP. HAND
B
28B147



PART No.
L.H.
R.H.
NEXT ASSY
A
28B1474
-2
-3
-4
-5
-6
-7
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
MATERIAL
.040
9/16
1 1/4
9 1/2
A
5 1/4
5/8
11/16
51 29/32 R.
1 1/8
PBY-5 NOTED
PBY-4 NOTED
PBY-3 NOTED
PBY-2 NOTED
PBY-1 NOTED
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
DATE
.14 KRA
CALC.WT.
ACT.WT.
SCALE
AC
NAVY AL ALLOY SH.
MATERIAL
SPEC.
HEAT TREAT
NONE
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET-HULL-BELTFRAME #4.25 CHINE
OPP. HAND
B
28B1474


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
C
CHANGE OF DIM:
D
57 5/32
1 1/8
15/16
7 3/16
11/16
1 1/4
9/16
1/16 R
4 3/4
38 21/32 R.
1
2 1/4
7/8
3/32
9 1/2
-1 PBY-4 28B1166
PBY-4 28B1166
-1 PBY-3 28B1166
PBY-3 28B1166
-1 PBY-2 28B1166 1
PBY-2 28B1166 1
-1 PBY-1 28B1166 1
PBY-1 28B1166 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
[redacted]
APPROVED 12-4-36 DATE
.14 CALC. WT.
ACT. WT.
SCALE 6" = 1'-0"
D.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
MAT.
PARTS LIST PER ASSY.
AL. ALLOY SH.
NONE
NONE
MATERIAL
HEAT TREAT
FINISH
DRAFT
CHECK
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET - HULL - BELTFRAME STA. 166
B 28B1476



SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED | 12-4-36 | CCB
C | 24 ST WAS 2450 , REMOVED H.T.
TRUE ANGLE
52 15/32 R.
27 R.
6 3/4
7 31/32
1 29/32
1 1/4
3/32
-R PBY-5B 28B1133 1
-L PBY-5B 28B1133 1
-1 PBY-3-4 28B1133
PBY-3-4 28B1133
-1 PBY-2 28B1133
PBY-2 28B1133
-1 PBY-1 28B1133
PBY-1 28B1133
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
[redacted] 12-4-36
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH RH REQ.
PART NO.
SCALE
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY AL ALLOY SH'T
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
GUSSET-HULL-BELTFRAME #1.33
STAMP PT. No. WHERE SHOWN
OPP. HAND
B
28B1479

SUPPLIES & EQUIPMENT CLASSIFICATION			[redacted]
LET	ALTERATION	DATE	BY
A	TRACED	12-8-36	[illegible]

$37\frac{5}{8}$

$8\frac{5}{16}$

$4\frac{21}{32}$

$7\frac{7}{16}$

$3\frac{23}{32}$

[redacted]

FINISH:
Z-P-2[illegible] ON PBY-1
Z-P-[illegible] ON PBY-2 & FUTURE
GP

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5B	28B5005	1						
	PBY-5A	28B5005	1						
	PBY-4	28B1005							
	PBY-3	28B1005							
	PBY-2	28B1005	1						
	PBY-1	28B1005	1						

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

[redacted] 12-2-36 DATE

CALC. WT. .788 KRA | ACT. WT.

SCALE 3" = 1'0"

MATERIAL	SPEC.	HEAT TREAT	FINISH
AC 24ST; NAVY 525 ALUM. ALLOY SHT.	STAN. COND. T	NONE	NOTED

DRAFT	CHECK	EXAM.	ENG.
R.G.I.	[illegible]	MILLER	
12-3-36	12-5-36		

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

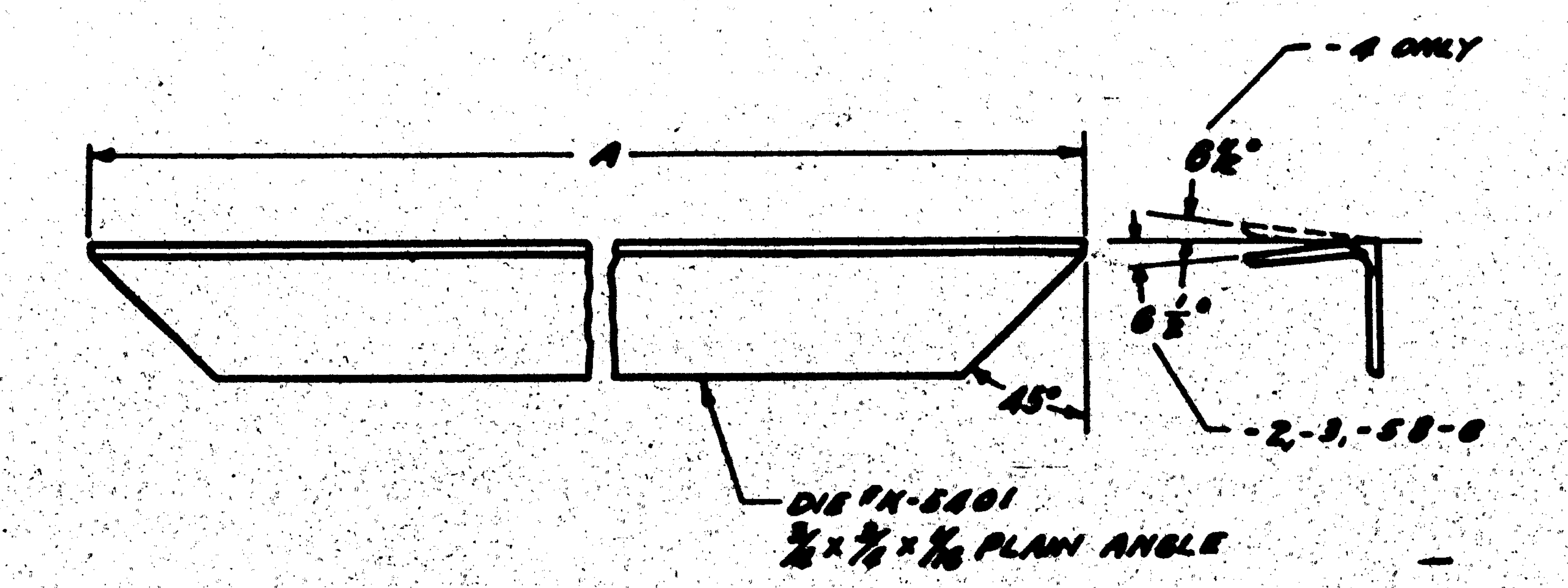
NAME: PLATE-HULL-SUPERSTRUCTURE UPPER TIE

OPP. HAND

B 28B1490

SULLIVAN-[illegible] CO. INC. BUFFALO
[illegible] TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-2-36	ECB



PART Nº	LENGTH "A"	CALC. WT.	ACT. WT.
28B1491-2	8 5/16	.078	
-3	8 27/32	.076	
-4	8 3/8	.071	
-5	7 29/32	.067	
-6	7 7/16	.063	

[redacted]

FINISH: GP
Z-P-2ARY ON PBY-1
Z-P-2AL ON PBY-2 & FUTURE
GP

SAME FOR PBY5B

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
-6	PBY-5A	28B5005	1						
-4&5	PBY-5A	28B5005	1 6A						
-2&3	PBY-5A	28B5005	1 6A				-6	1	
	PBY-4	28B1005					-5	1	
	PBY-3	28B1005					-4	1	
	PBY-2	28B1005					-3	1	
	PBY-1	28B1005					28B1491-2	1	

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES	
REPLACED BY	
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	± 1/32

[redacted]

[redacted] APPROVED	12-2-36 DATE
CALC. WT. .078	ACT. WT.
SCALE 12" = 1'0"	

	MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
AC					R.Q.I.		Miller	
NAVY	AL ALLOY 24ST EXTRUSION	46A8 Cond. T	NONE	NOTED	12-2-36	12-5-36		

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

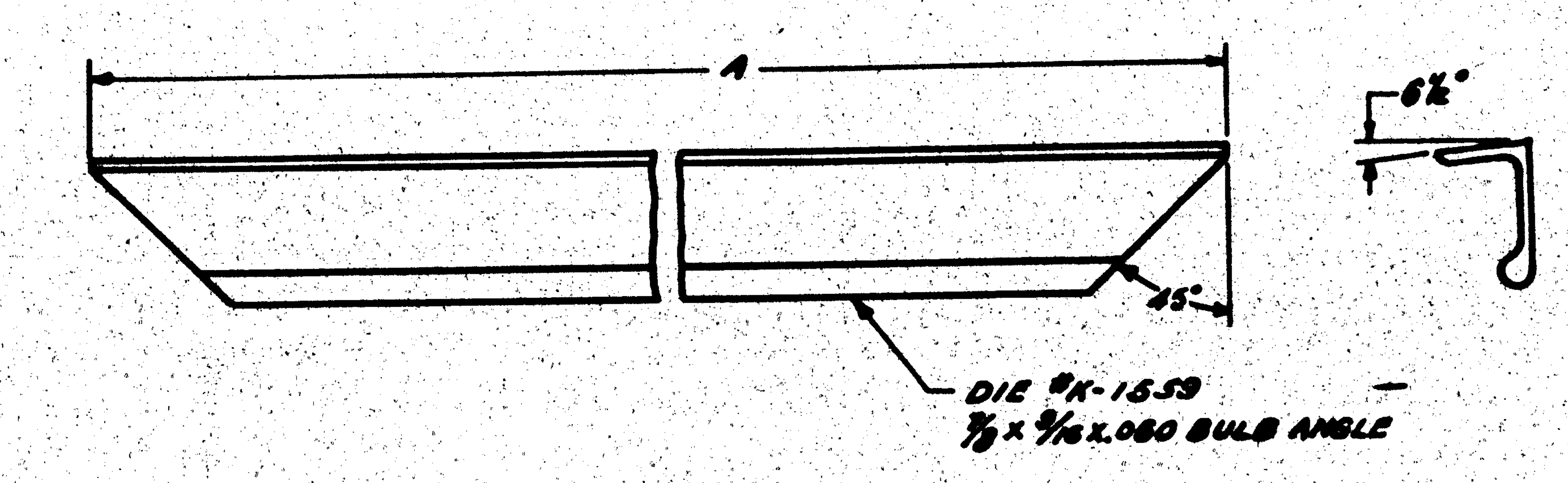
NAME STIFFENER - HULL - SUPERSTRUCTURE
UPPER TIE PLATE - STA. 4.25 TO 4.75 INCL.

OPP. HAND

B 28B14[illegible]

SULLIVAN-McKEEGAN CO., INC. BUFFALO
INDIANA TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-2-36	COB



PART NO	LENGTH "A"	CALC. WT.	ACT. WT.
28B1432-2	9 25/32	.108	
-3	6 31/32	.074	

[redacted]

FINISH
Z-P-2 ... ON PBY-1
Z-P-3 ... ON PBY-2 & FUTURE

O.H.	MODEL	NEXT ASSY.	REQ.
-3	PBY-5 ...	28B5005	1EA
-2	PBY-5 ...	28B5005	1EA
-3	PBY-3-4	28B1005	
-2	PBY-3-4	28B1005	
-3	PBY-2	28B1005	
-2	PBY-2	28B1005	
-3	PBY-1	28B1005	
-2	PBY-1	28B1005	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
			-3	1	
			28B1432-2	1	

MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted] APPROVED 12-2-36 DATE

CALC. WT. ... | ACT. WT.

SCALE 12" = 1'0"

NAVY AL. ALLOY 24ST EXTRUSION | 46A3 COND. T | NONE | NOTED

MATERIAL | SPEC. | HEAT TREAT | FINISH

DRAFT	CHECK	EXAM.	ENG.
B.a.l. 12-3-35	[signature] 11-5-36	Miller	

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

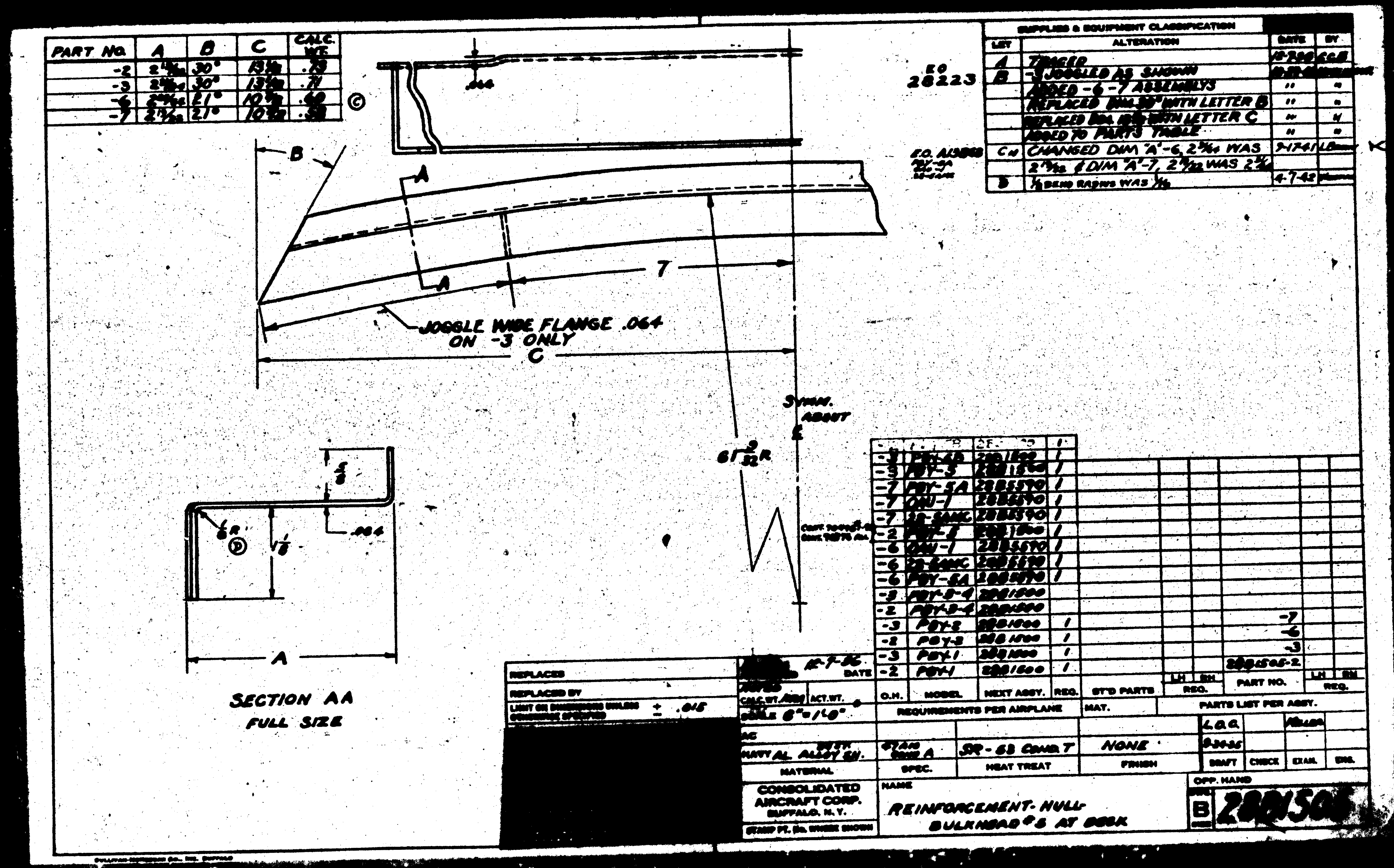
NAME
STIFFENER-HULL-SUPERSTRUCTURE
UPPER TIE PLATE STA. #4/8 ... 875

OPP. HAND

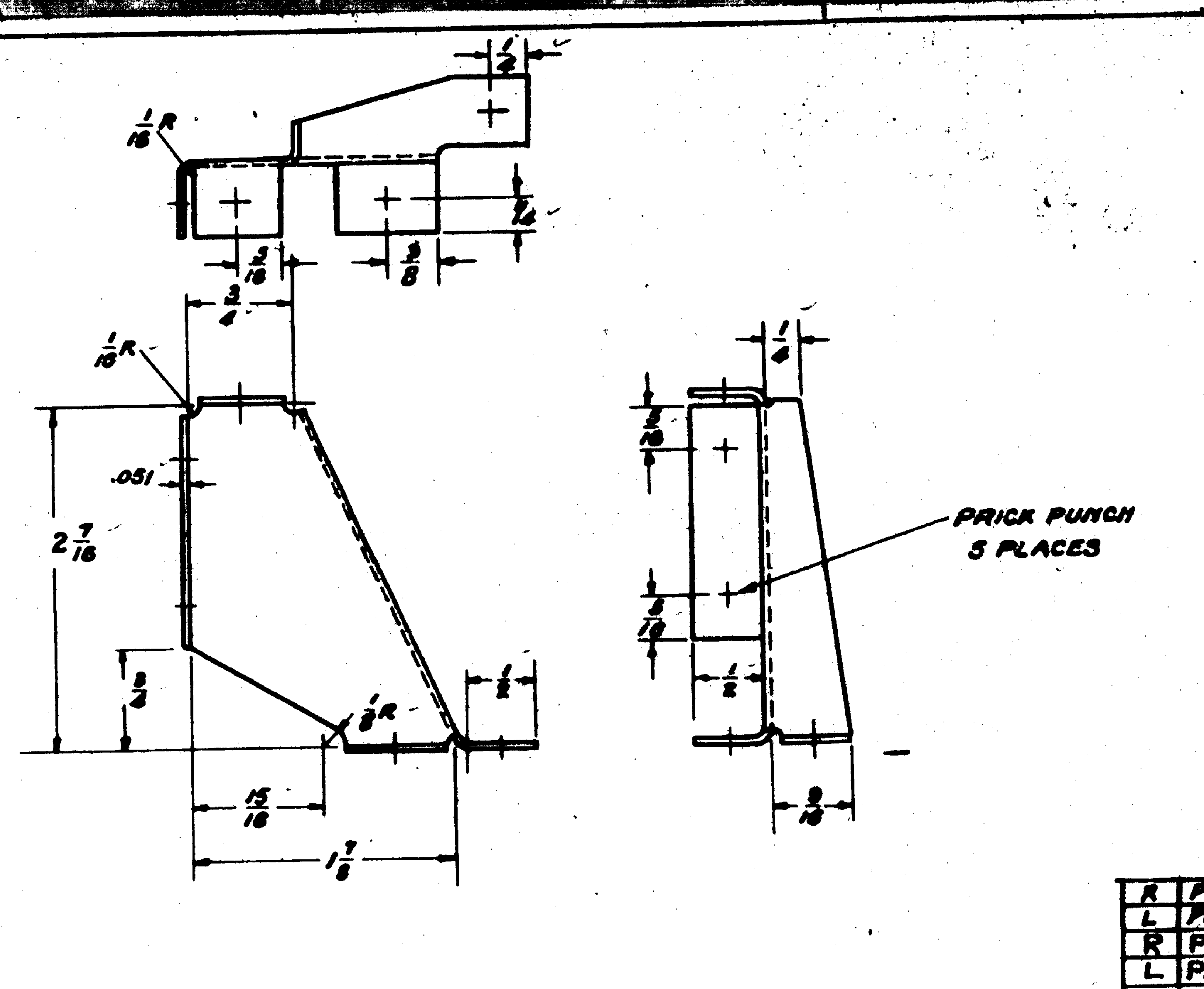
B 28B1432

[redacted]

SULLIVAN-MORRISON CO., INC. BUFFALO


PART No.
A
B
C
CALC. WT.
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
TRACED
-3 JOGGLED AS SHOWN
ADDED -6 -7 ASSEMBLYS
WITH LETTER B
WITH LETTER C
ADDED TO PARTS TABLE
CHANGED DIM "A" -6
DIM "A" -7
BEND RADIUS WAS
4-7-42
JOGGLE WIDE FLANGE .064
ON -3 ONLY
SYMM. ABOUT
SECTION AA
FULL SIZE
REPLACED
REPLACED BY
DATE
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AL. ALLOY SH.
SR - 63 COND. T
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N.Y.
NAME
REINFORCEMENT- HULL-
BULKHEAD 5 AT DECK
B
2881506

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-7-36	CCB



O.H.	MODEL	NEXT ASSY.	REQ.
R	PBY-5B	28B1500	4
L	PBY-5B	28B1500	4
R	PBY-5A	28B5590	4
L	PBY-5A	28B5590	4
-1	PBY-3-4	28B1500	
	PBY-3-4	28B1500	
-1	PBY-2	28B1500	4
	PBY-2	28B1500	4
-1	PBY-1	28B1500	4
	PBY-1	28B1500	4

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
			-1		
			28B1507		

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015

[redacted]

[redacted] APPROVED — 12-7-36 DATE

.03 KRA CALC. WT. — ACT. WT.

SCALE 12" = 1'-0"

NAVY AL ALLOY SH. 2SO — MATERIAL

47A10 COND A — SPEC.

SR-53 COND. T. — HEAT TREAT

NONE — FINISH

DRAFT	CHECK	EXAM.	ENG.
L.O.C. 9-24-36		Miller	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

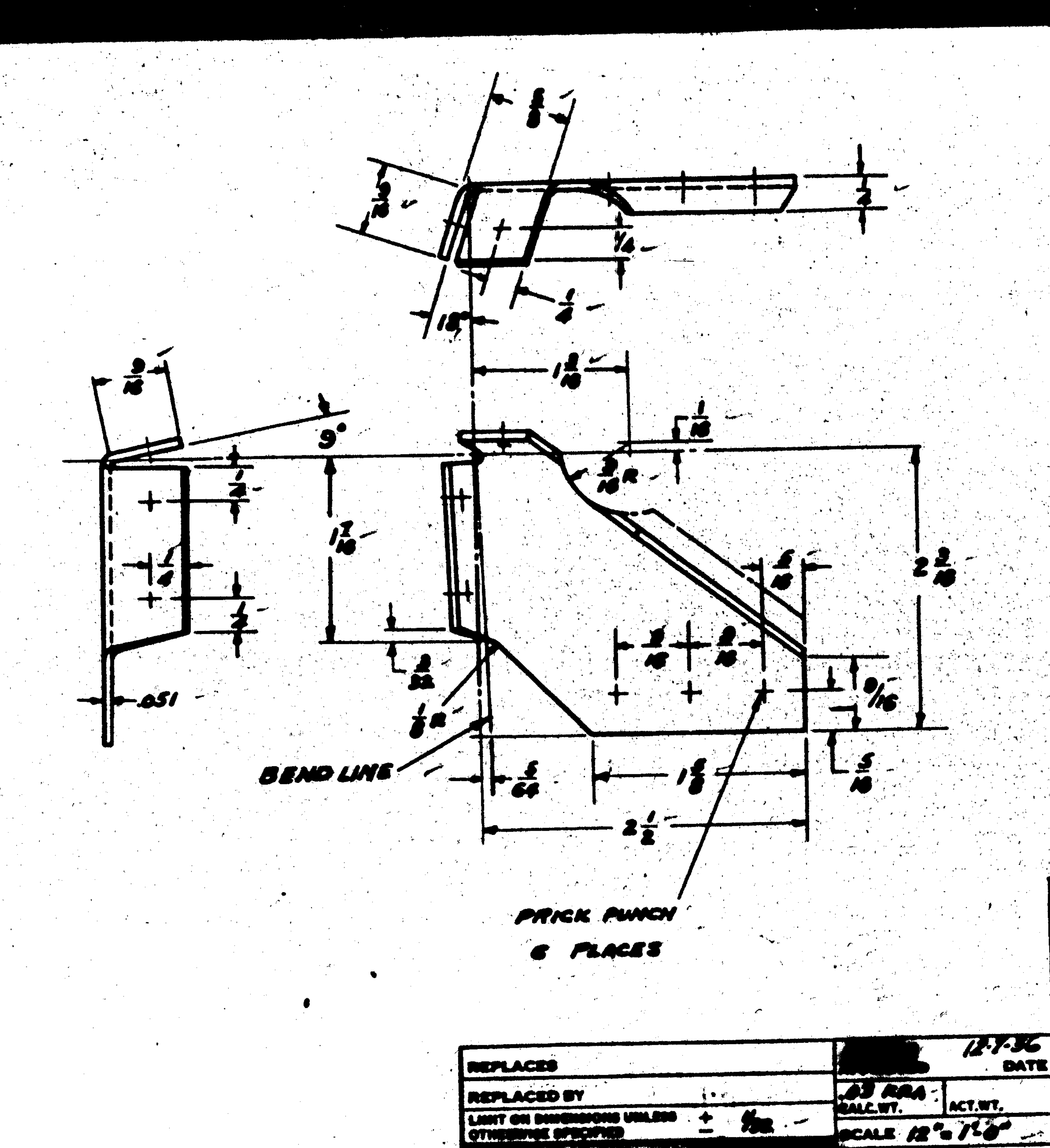
NAME BRACE-HULL- BULKHEAD COLUMN

OPP. HAND 28B1507-1

DWG SIZE B 28B1507

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-7-36	CCP



O.H.	MODEL	NEXT ASSY.	REQ.
-R	PBY-5B	28B1500	2
-L	PBY-5B	28B1500	2
-1	PBY-3-4	28B1500	
	PBY-3-4	28B1500	
-1	PBY-2	28B1500	
	PBY-2	28B1500	
-1	PBY-1	28B1500	4
	PBY-1	28B1500	4

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
			-1		
			28B1508		

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

[redacted] 12-7-36 DATE

.03 RRA CALC.WT. — ACT.WT.

SCALE 12" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY AL ALLOY SH. 5000	47A10 COND A	SR-53 COND. T	NONE

DRAFT	CHECK	EXAM.	ENG.
L.O.C. 9-24-36		MILLER	

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.

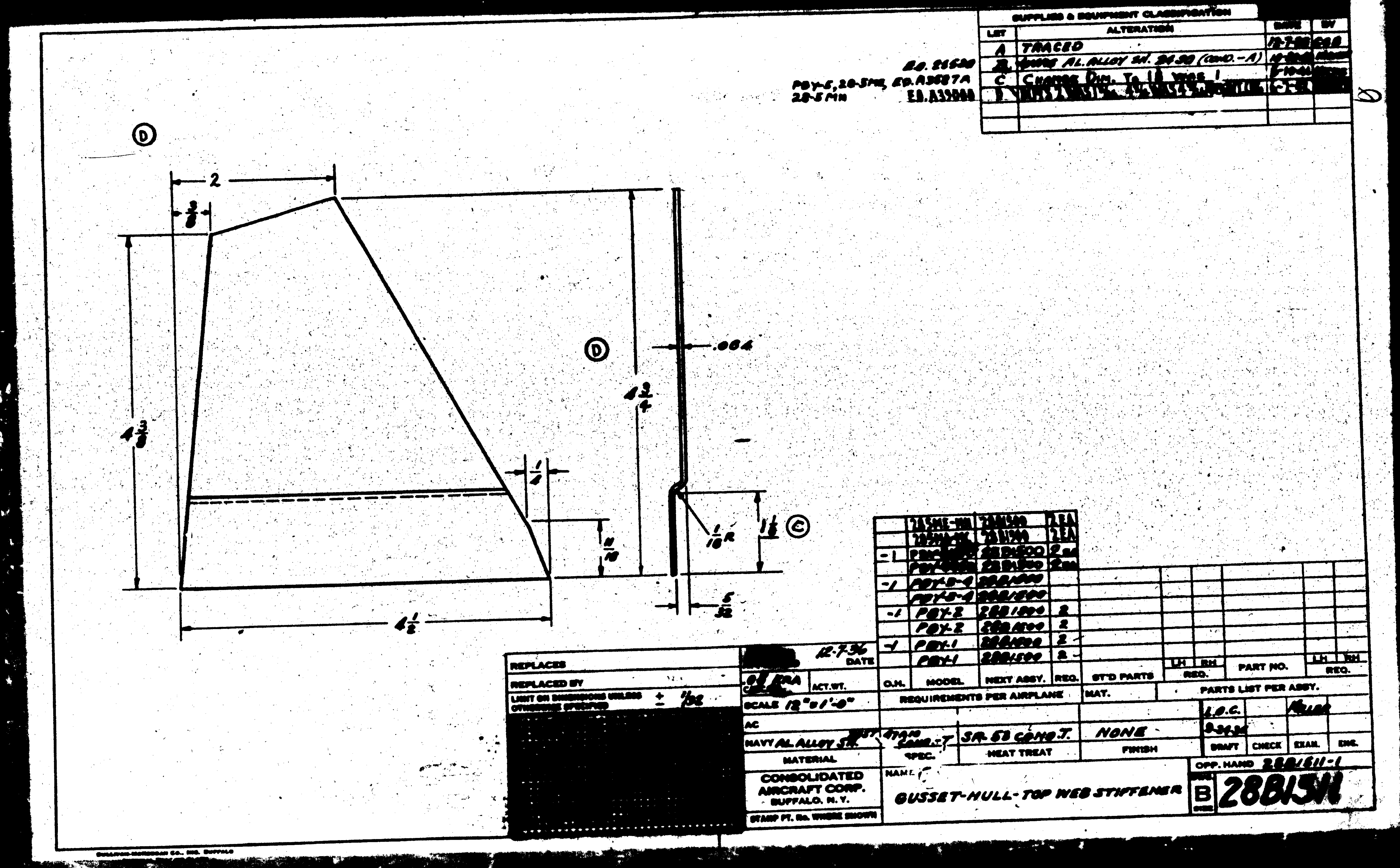
STAMP PT. No. WHERE SHOWN

NAME: BRACE-HULL-LOWER WEB STIFFENER

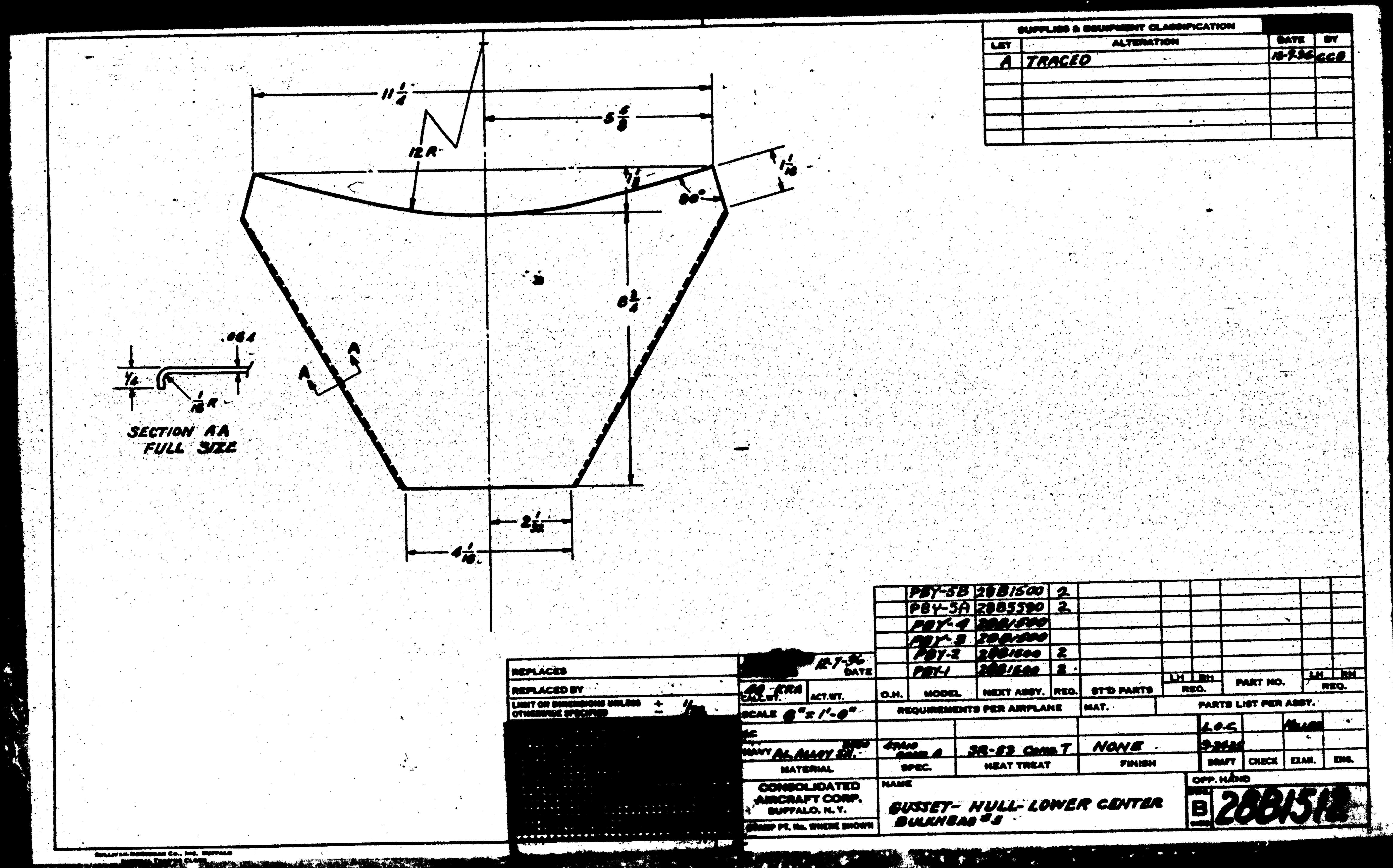
OPP. HAND 28B1508-1

SIZE B 28B1508

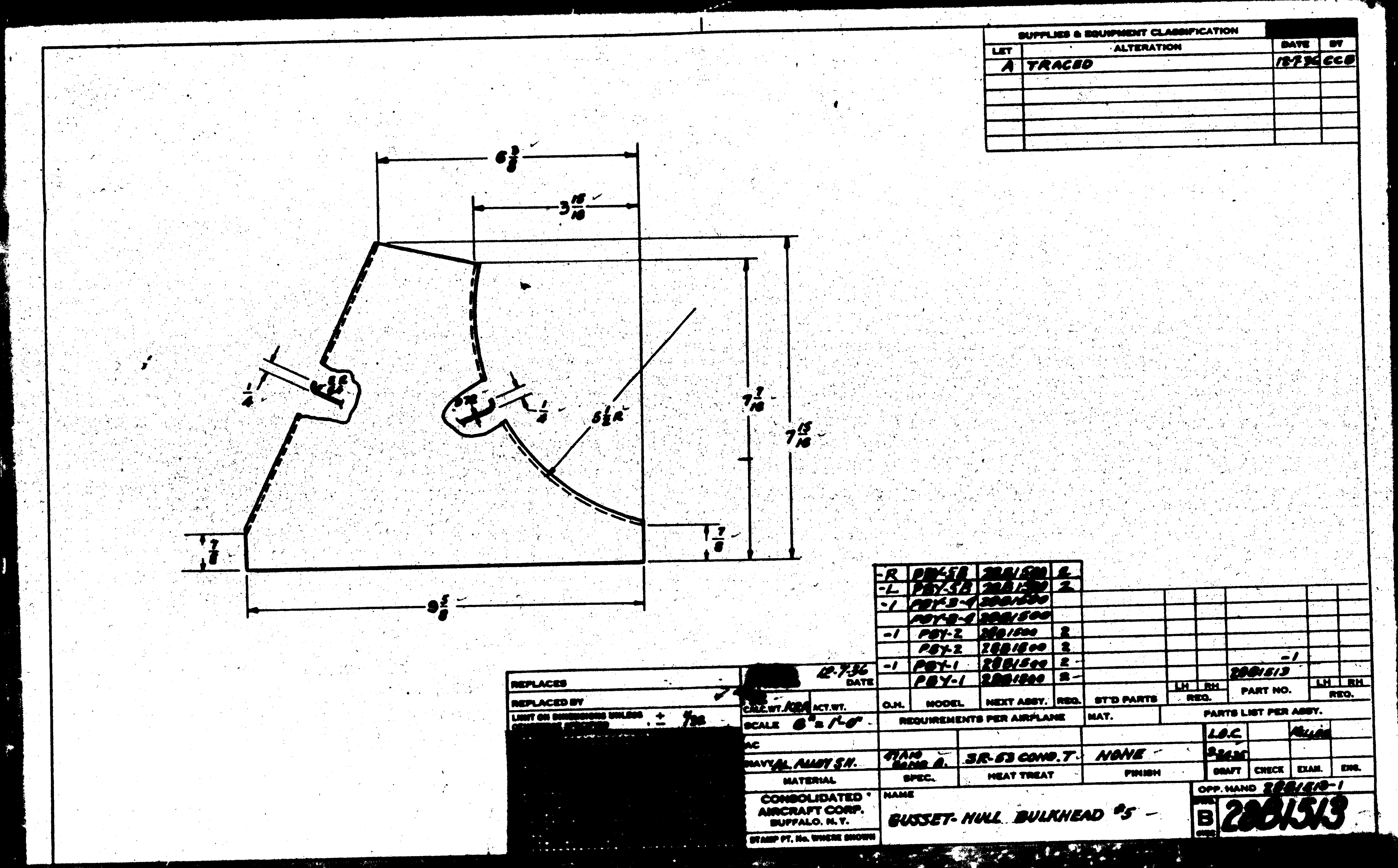
SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH



SUPPLIES & EQUIPMENT CLASSIFICATION
LIST
ALTERATION
DATE
BY
A TRACED
C Change Dim. To 1⅛ was 1
PBY-5, 28-5ME, Eo.A3587A
28-5MN
D
2
3/8
4 3/8
4 3/4
.064
1/4
11/16
1/16 R
1 1/8
C
5/32
4 1/2
PBY-2
PBY-1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
12-7-36
DATE
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
PART NO.
REQ.
SCALE 12"=1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY AL. ALLOY ST.
SR. 53 COND T.
NONE
DRAFT
CHECK
EXAM.
ENG.
MATERIAL
SPEC.
HEAT TREAT
FINISH
OPP. HAND 28B1511-1
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
NAME
GUSSET-HULL-TOP WEB STIFFENER
B
28B1511
STAMP PT. No. WHERE SHOWN

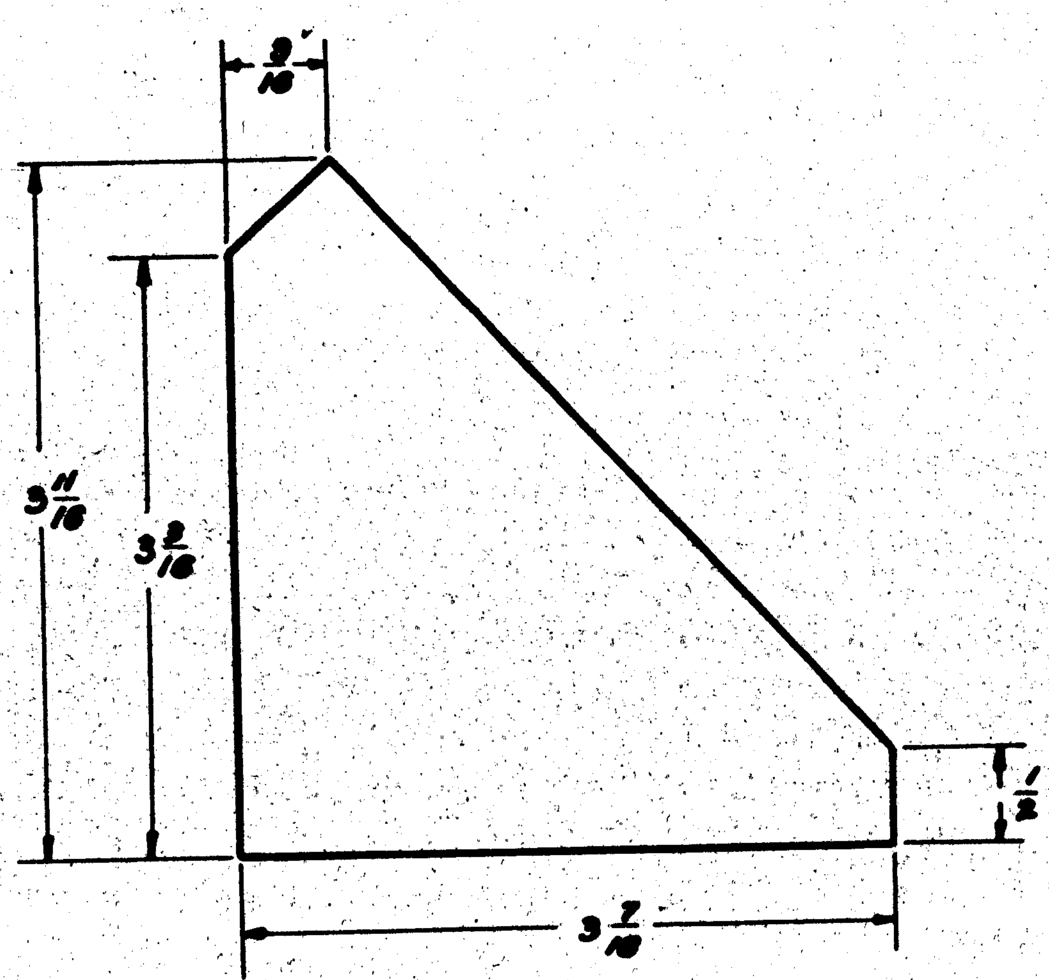


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
CCB
11 1/4
5 5/8
12 R
1 1/16
90°
6 3/4
2 1/32
4 1/16
.064
1/4
1/16 R
A
A
SECTION A-A
FULL SIZE
PBY-5B
28B1500
2
PBY-5A
28B5590
2
PBY-2
2
PBY-1
2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
12-7-36
DATE
CALC.WT.
ACT.WT.
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 6" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
L.O.C.
SR-53 Cond T
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET- HULL- LOWER CENTER
BULKHEAD #5
OPP. HAND
B
28B1512



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
12-7-36
CCB
6 3/8
3 15/16
1/4
1/4
5 1/2 R
7 7/16
7 15/16
7/8
7/8
9 5/8
-R
PBY-5B
2
-L
PBY-5B
2
-1
PBY-3-1
PBY-3-1
-1
PBY-2
2
PBY-2
2881800
2
-1
PBY-1
2
PBY-1
2
-1
2881513
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REPLACES
REPLACED BY
12-7-36
DATE
CALC.WT.
ACT.WT.
SCALE 6" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
L.D.C.
NAVY AL. ALLOY SH.
SR-53 COND. T
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND 2881513-1
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
NAME
GUSSET-HULL BULKHEAD #5
B
2881513
STAMP PT. No. WHERE SHOWN

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET.	ALTERATION	DATE	BY
A	TRACED	12-8-36	C.O.T.



	PBY-5B	28B1500	4					
	PBY-4	28B1500						
	PBY-3	28B1500						
	PBY-2	28B1500	4					
	PBY-1	28B1500	4				28B1514	
O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH / RH
REQUIREMENTS PER AIRPLANE				MAT.	PARTS LIST PER ASSY.			

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

[redacted] 12-8-36 DATE

.05 CALC.WT. KRA | ACT.WT.

SCALE 12" = 1'-0"

AC

NAVY 24ST AL ALLOY SHEET

MATERIAL

27A10 COND T.	NONE	NONE	L.O.C. 8-24-36		MILLER	
SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

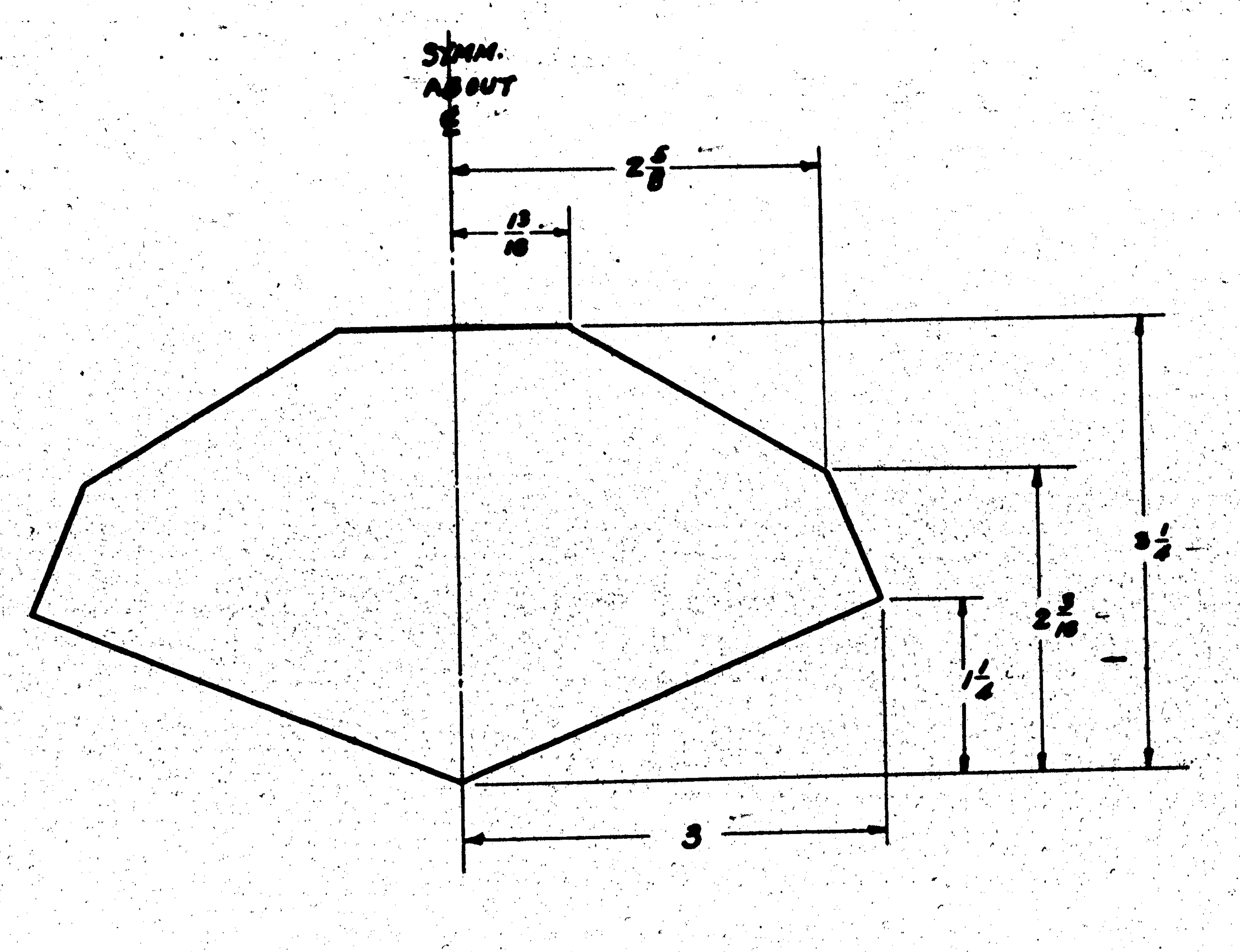
STAMP PT. No. WHERE SHOWN

NAME GUSSET-HULL-BULKHEAD #5

OPP. HAND

DWG. SIZE B

28B1514



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-8-36	OCB

O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
	PBY-5	28B1500	2						
	PBY-4	28B1500							
	PBY-3	28B1500							
	PBY-2	28B1500	2						
	PBY-1	28B1500	2				28B1515		

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted] APPROVED 12-8-36 DATE

.05 KRA CALC.WT. — ACT.WT.

SCALE 12" = 1'-0"

AC

NAVY 24ST AL ALLOY SH. — MATERIAL

47A10 COND. T — SPEC.

NONE — HEAT TREAT

NONE — FINISH

L.O.C. 9-24-36 DRAFT — CHECK — MILLER EXAM. — ENG.

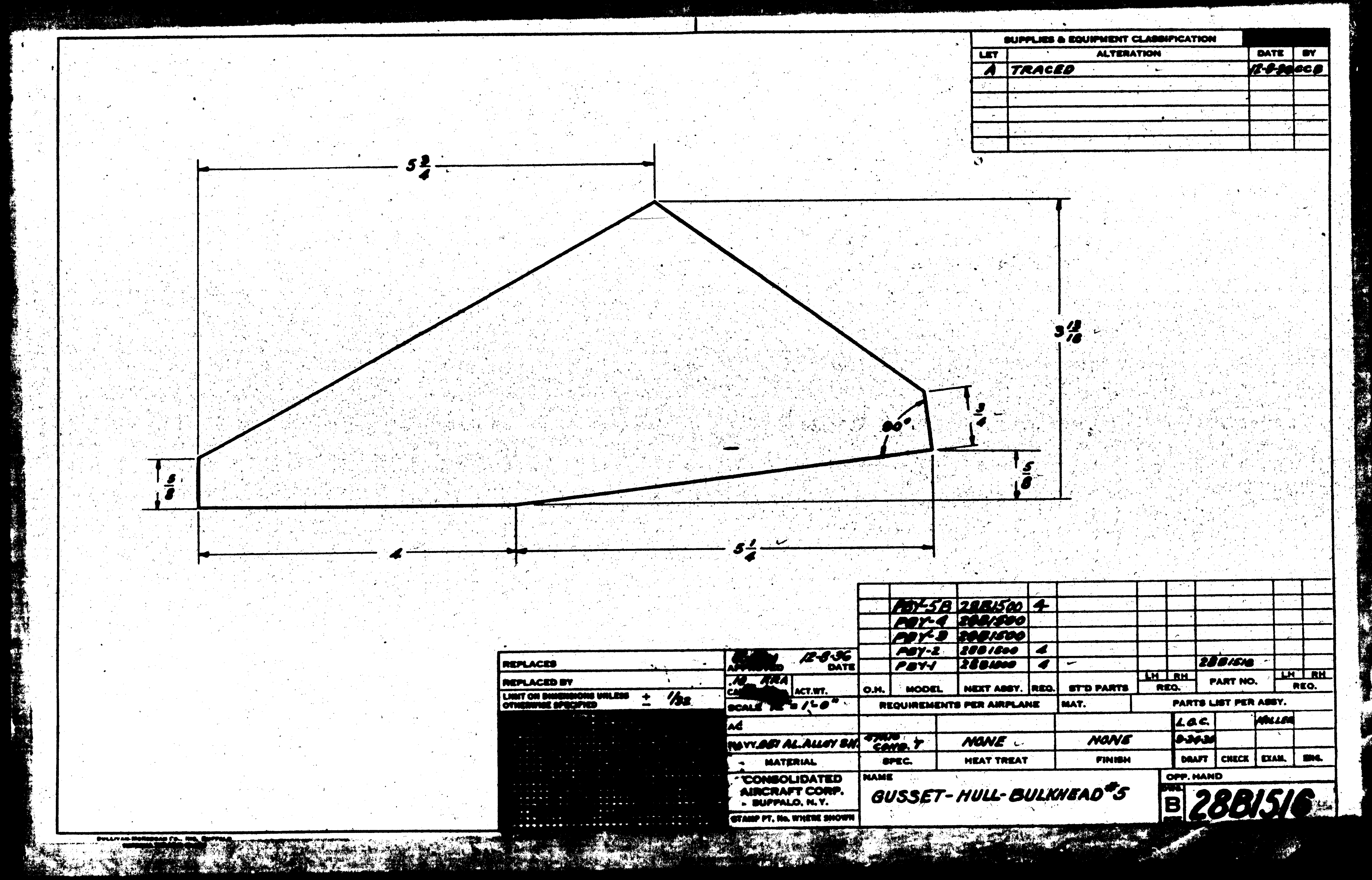
OPP. HAND

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

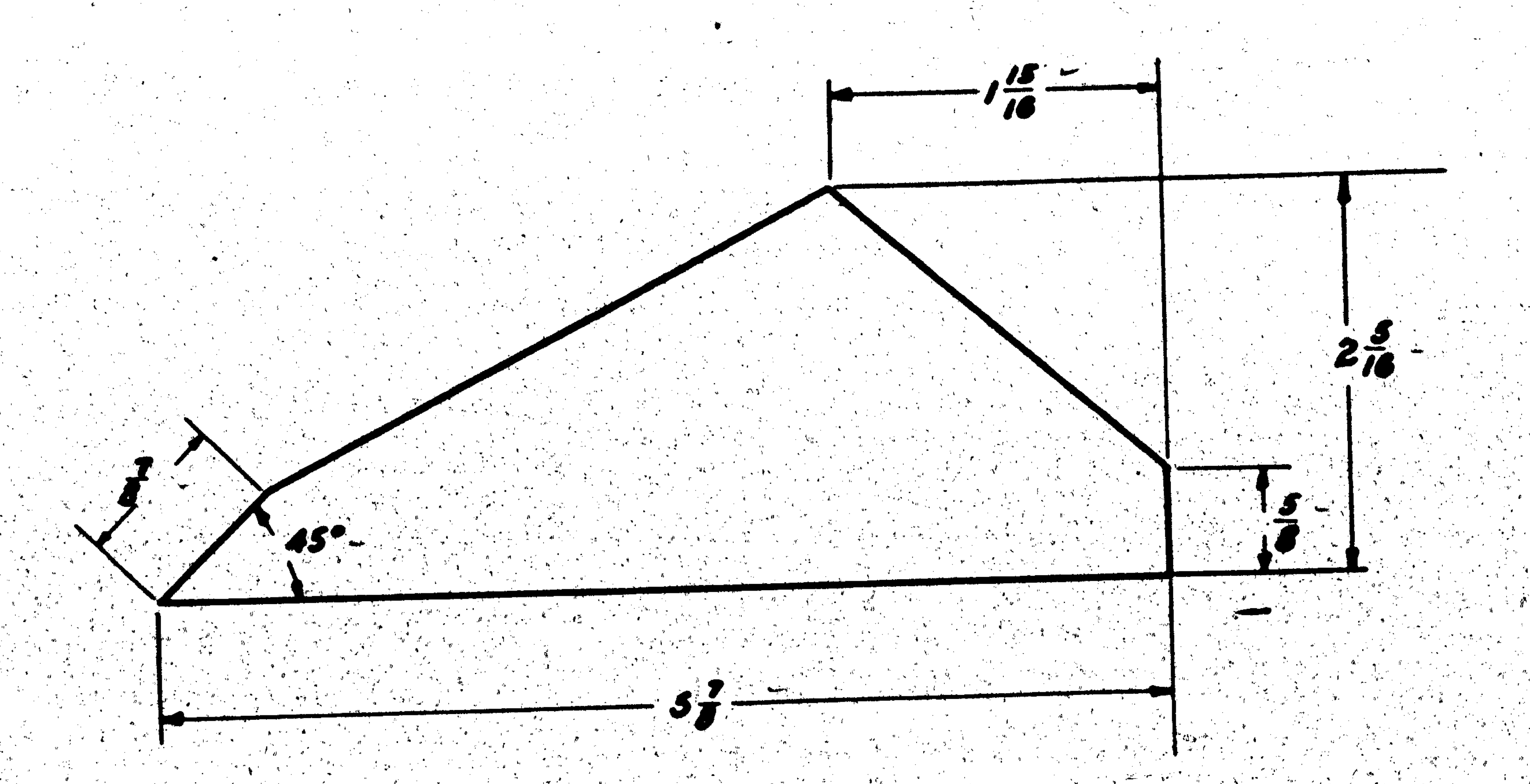
NAME: GUSSET – HULL – BOTTOM CENTER NEAR BULKHEAD #5

SIZE B 28B1515



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
12-8-36
CCB
5 3/4
3 13/16
3/4
5/8
5/8
90°
4
5 1/4
PBY-5B
28B1500
4
PBY-4
28B1500
PBY-3
28B1500
PBY-2
28B1500
4
PBY-1
28B1500
4
28B1516
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
APPROVED
12-8-36
DATE
ACT.WT.
SCALE
= 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
ST'D PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
L.O.C.
9-30-36
NAVY
AL. ALLOY SH.
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
NAME
GUSSET-HULL-BULKHEAD #5
OPP. HAND
B
28B1516
STAMP PT. No. WHERE SHOWN

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
A	TRACED	12-8-36	CCB



O.H.	MODEL	NEXT ASSY.	REQ.	ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5B	28B1500	4						
	PBY-4	28B1500							
	PBY-3	28B1500							
	PBY-2	28B1500	4				28B1517		
	PBY-1	28B1500	4						

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APP. [redacted] 12-8-36 DATE

.11 CALC.WT. KGA | ACT.WT.

SCALE 12" = 1'-0"

Ac

NAVY 24ST 46A4 AL. ALLOY SH. | STAND. COND. T | NONE | NONE

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY 24ST 46A4 AL. ALLOY SH.	STAND. COND. T	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
L.G.C. 9-24-36		MILLER	

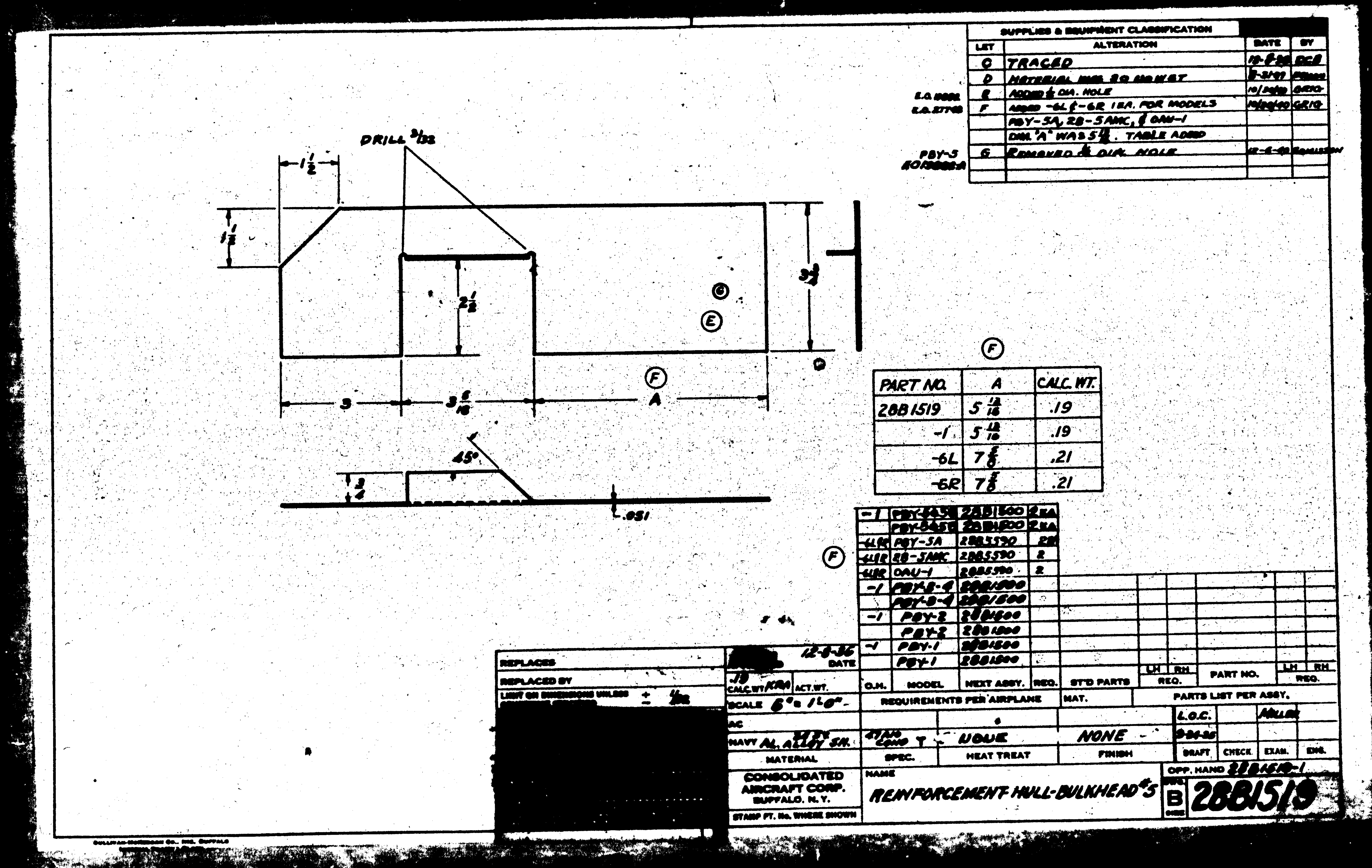
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

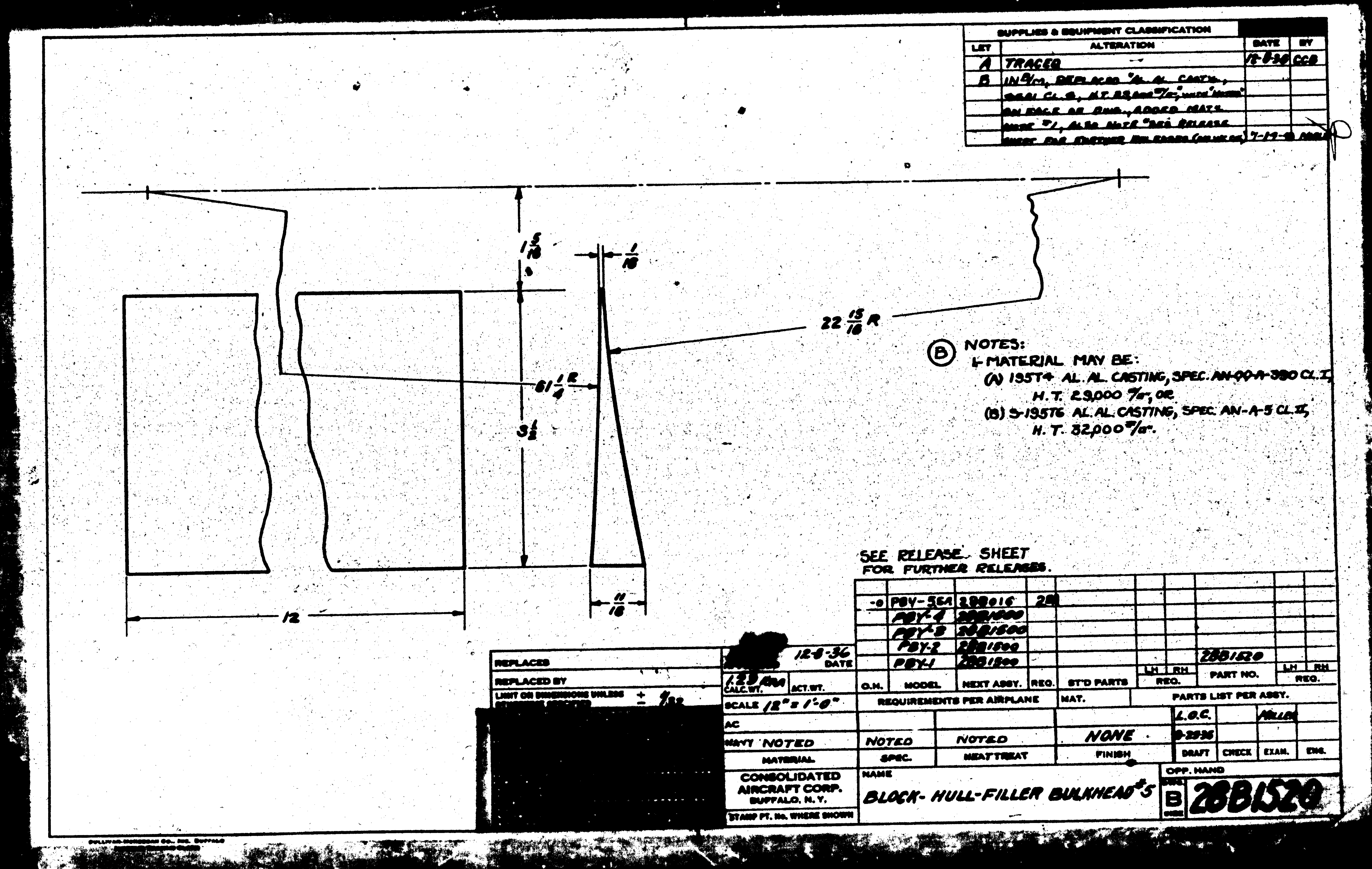
NAME
GUSSET-HULL-BULKHEAD #5

OPP. HAND

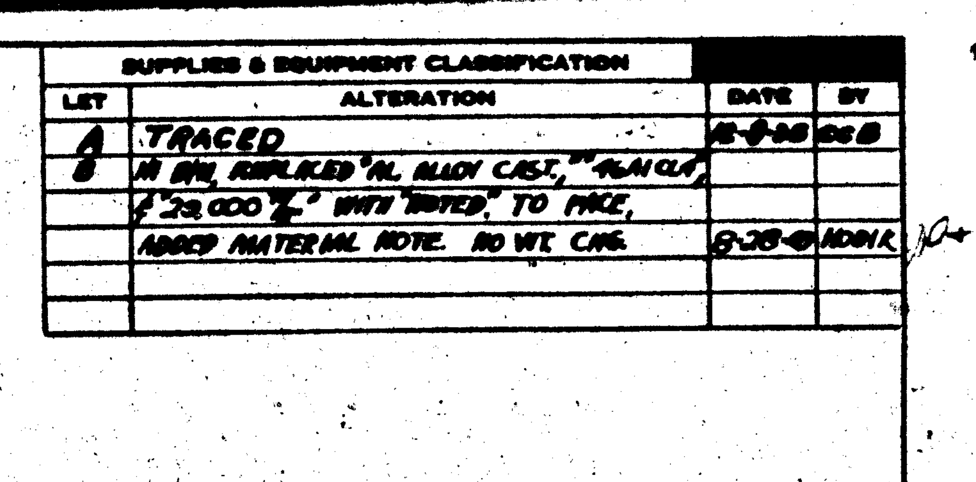
DWG. SIZE B 28B1517



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
C TRACED
D
E ADDED DIA. HOLE
F ADDED -6L & -6R 1 EA. FOR MODELS
PBY-5A, 28-5AMC, & OA-1
DIM. "A" WAS 5. TABLE ADDED
G REMOVED DIA. HOLE
PBY-5
DRILL 3/32
1 1/2
1 1/2
2 1/2
3 3/4
3
3 5/16
A
45°
3/4
.051
F
E
PART NO.
A
CALC. WT.
28B1519
5 13/16
.19
-1
5 13/16
.19
-6L
7 5/8
.21
-6R
7 5/8
.21
PBY-5A
28B5590
28-5AMC
28B5590
2
OA-1
28B5590
2
PBY-2
PBY-1
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
[redacted]
12-8-36
DATE
CALC. WT.
ACT. WT.
SCALE
AC
NAVY AL. ALLOY SH.
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
L.O.C.
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
REINFORCEMENT-HULL-BULKHEAD'S
B
28B1519



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
CCB
B
1 5/16
1/16
22 15/16 R
61 1/4 R
3 1/2
12
11/16
Ⓑ NOTES:
1- MATERIAL MAY BE:
(A) 195T4 AL. AL. CASTING, SPEC. AN-QQ-A-390 CL. I,
H.T. 29,000 #/□", OR
(B) S-195T6 AL. AL. CASTING, SPEC. AN-A-5 CL. II,
H.T. 32,000 #/□".
SEE RELEASE SHEET
FOR FURTHER RELEASES.
-0
PBY-5A
PBY-4
PBY-3
PBY-2
PBY-1
28B1520
REPLACED
REPLACED BY
12-8-36
DATE
1.25 lbs
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
SCALE 12" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NOTED
NONE
L.O.C.
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED
AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
BLOCK - HULL - FILLER BULKHEAD #5
OPP. HAND
B
28B1520



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-8-36	[illegible]
B	IN BM, REPLACED "AL ALLOY CAST.", "[illegible]",		
	& "29,000 #/□" WITH "NOTED", TO FACE,		
	ADDED MATERIAL NOTE. NO WT. CHG.	8-28-[illegible]	[illegible]

(B.) MATERIAL MAY BE –
1.– AL. ALLOY CASTING 195T4, SPEC. AN-QQ-A-390 CL.I, T.S. 29,000 P.S.I., OR
2.– AL. ALLOY CASTING 319ST6, SPEC. AN-A-5 CL. II, T.S. 32,000 P.S.I.

SEE RELEASE SHEET

SEE B.M.

O.H.	MODEL	NEXT ASSY.	REQ.	STD PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
	PBY-5B	28B1500							
	PBY-5B	28B1422							
	PBY-4	28B1500							
	PBY-3	28B1500							
	PBY-2	28B1500							
	PBY-1	28B1500	–				28B1521		

REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS [redacted]

[redacted] 12-8-36 DATE

1.00 CALC. WT. [illegible] ACT. WT.

SCALE 12" = 1'-0"

AC

	MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY	NOTED	NOTED	NOTED	NONE

DRAFT	CHECK	EXAM.	ENG.
L.R.C. 9-29-36		MILLER	

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

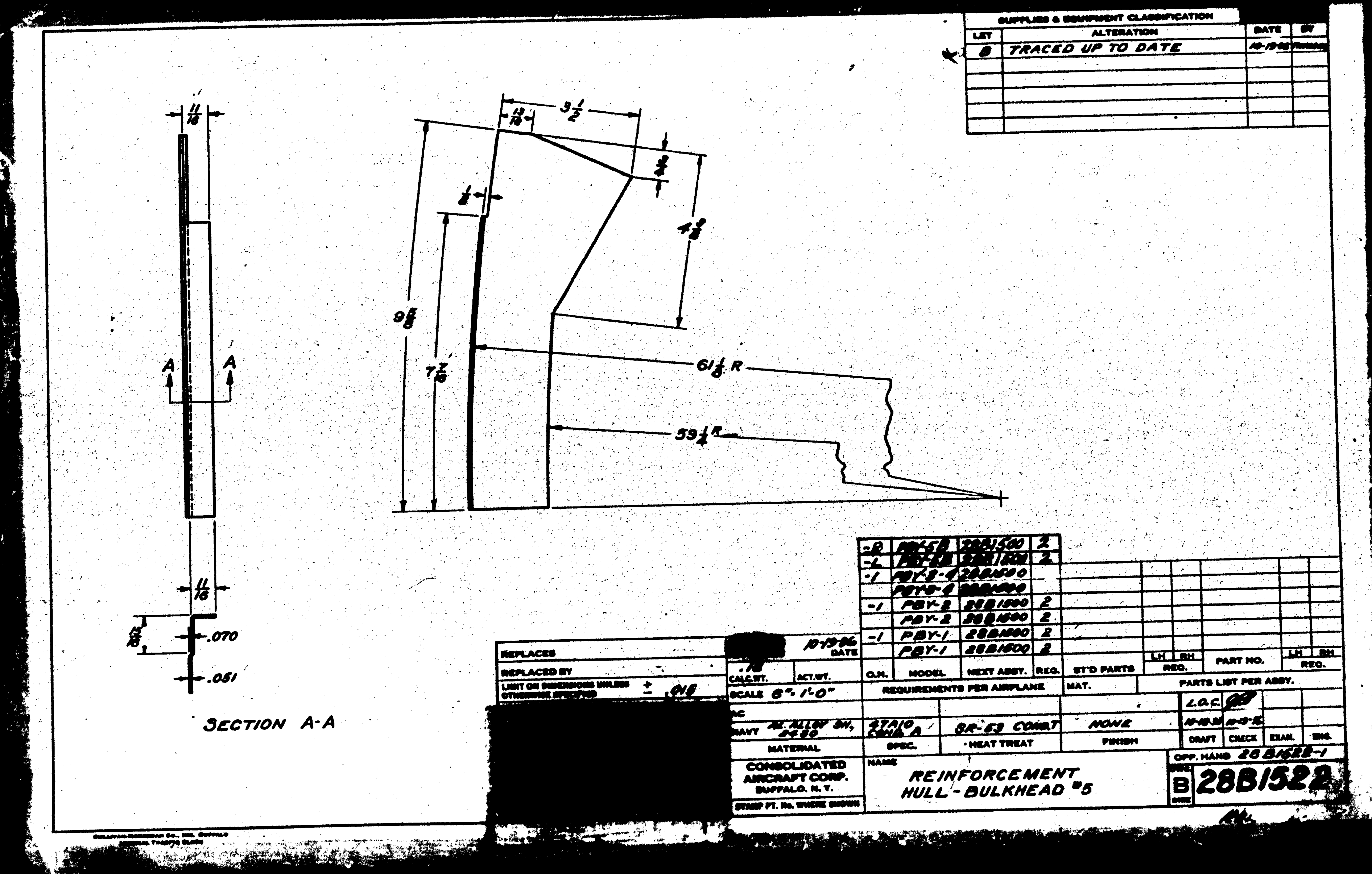
NAME: BLOCK-HULL-FILLER BULKHEAD'S

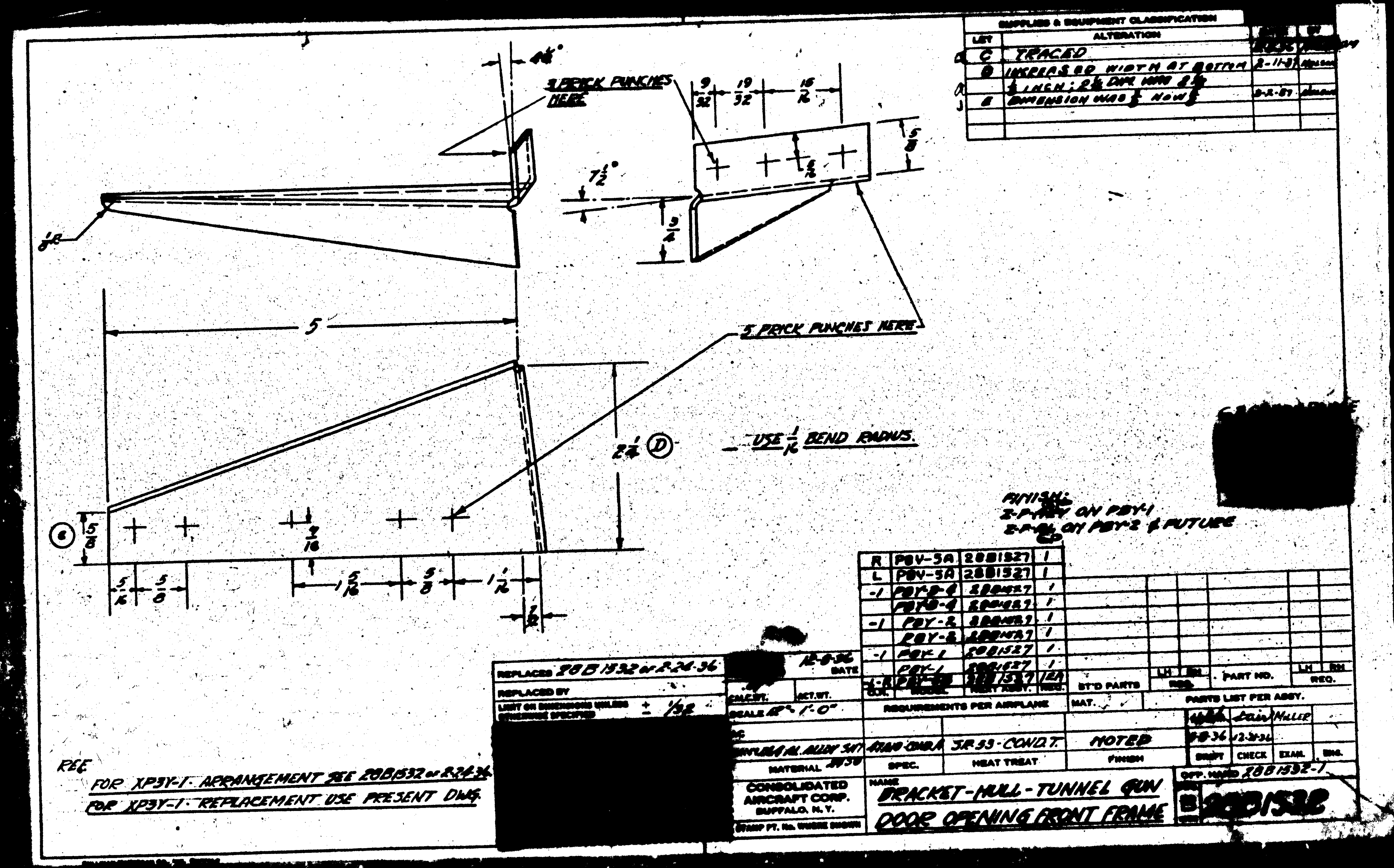
OPP. HAND

DWG. SIZE B 28B1521

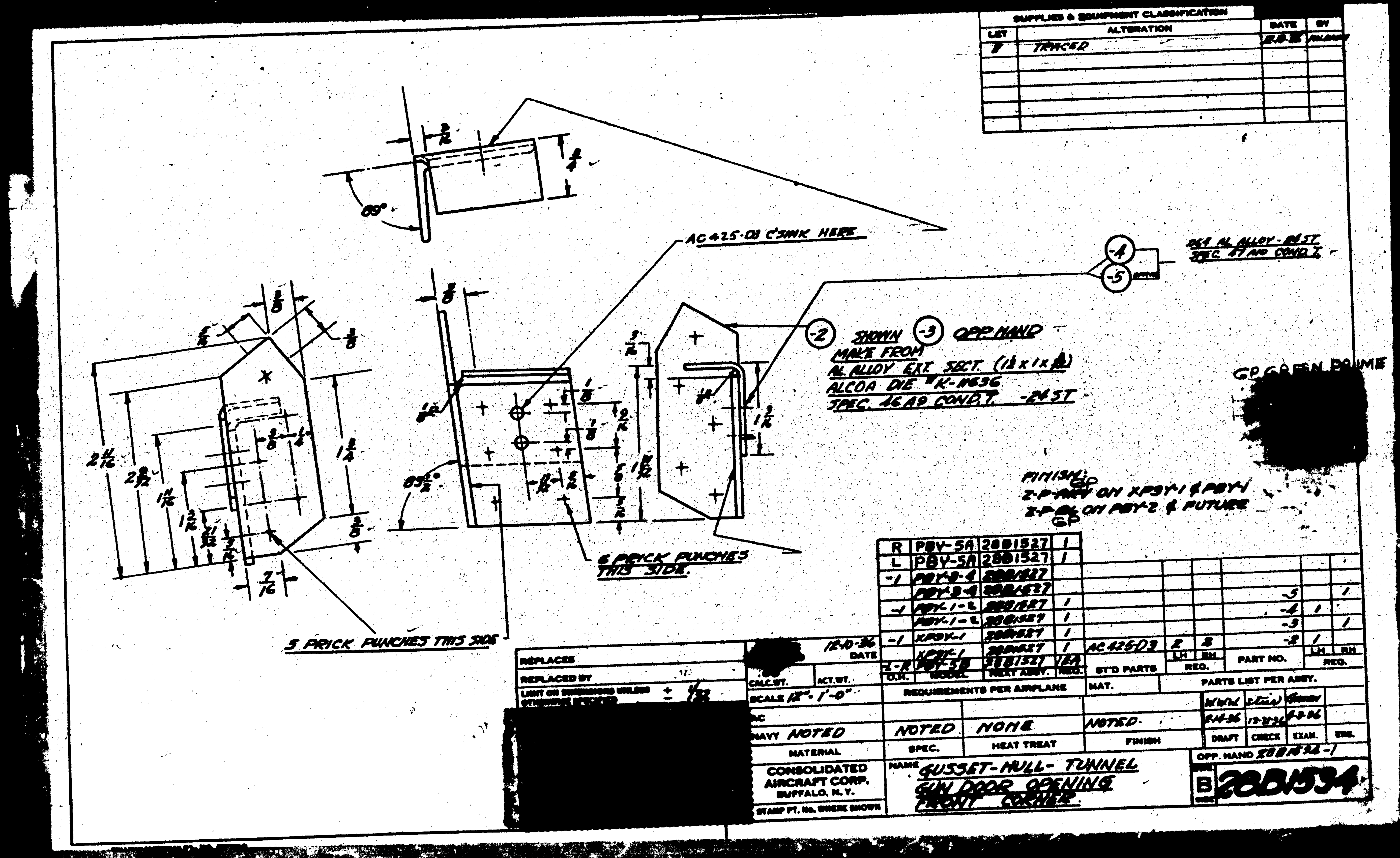
28B1521

SULLIVAN-McMILLAN CO., INC. BUFFALO

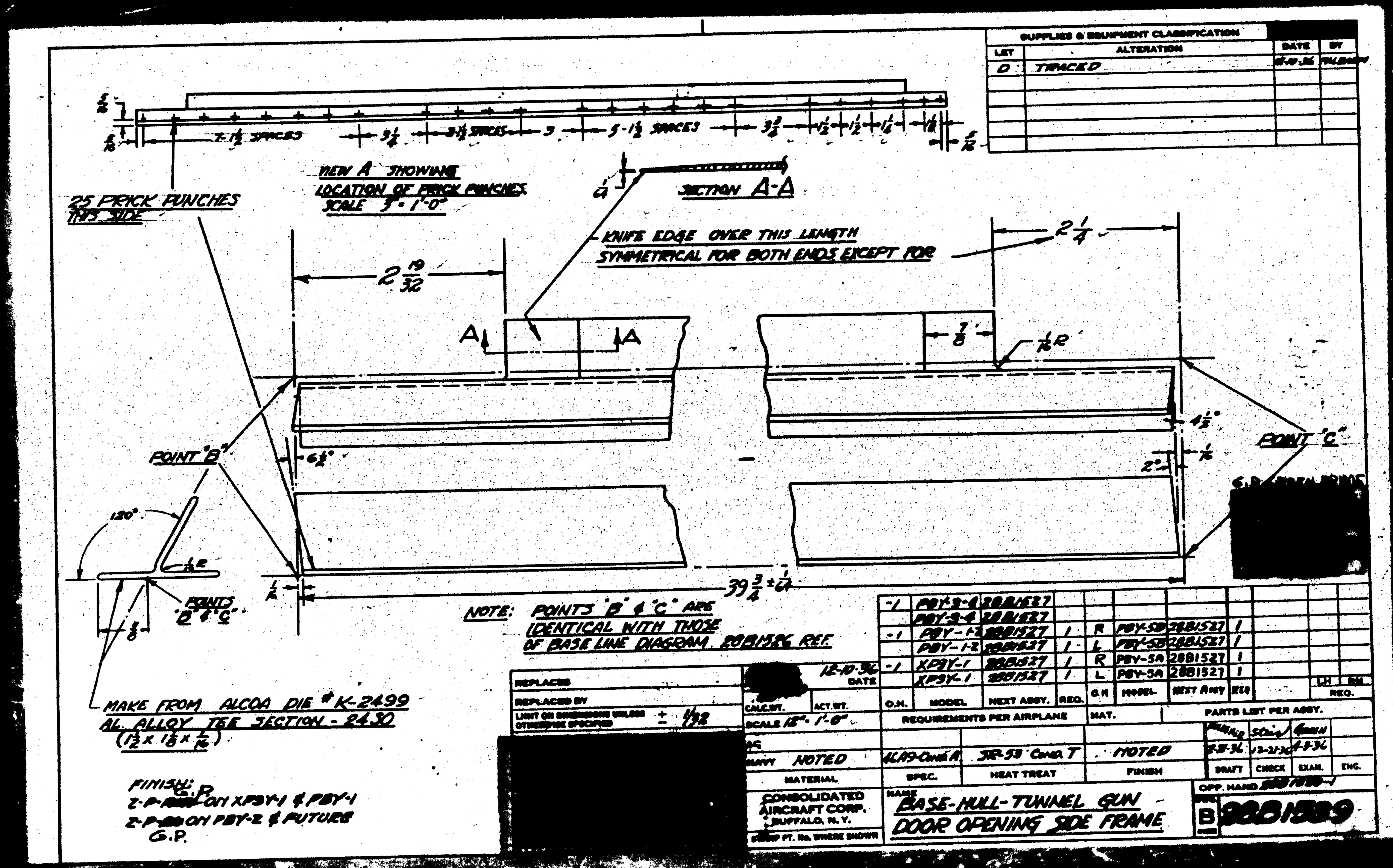

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B | TRACED UP TO DATE
11/16
13/16
3 1/2
3/8
1/8
4 3/8
9 5/8
7 7/16
61 1/8 R
59 1/4 R
A A
11/16
13/16
.070
.051
SECTION A-A
-1 | PBY-2 | 28B1500 | 2
PBY-2 | 28B1500 | 2
-1 | PBY-1 | 28B1500 | 2
PBY-1 | 28B1500 | 2
O.H. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
ST'D PARTS | LH | RH | REQ. | PART NO. | LH | RH | REQ.
MAT. | PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
[redacted]
10-19-36 DATE
CALC. WT. | ACT. WT.
SCALE 6" = 1'-0"
AC
NAVY
MATERIAL | SPEC. | HEAT TREAT | FINISH
SR-53 COND. T | NONE
L.O.C.
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
REINFORCEMENT
HULL - BULKHEAD #5
OPP. HAND 28B1522-1
B 28B1522



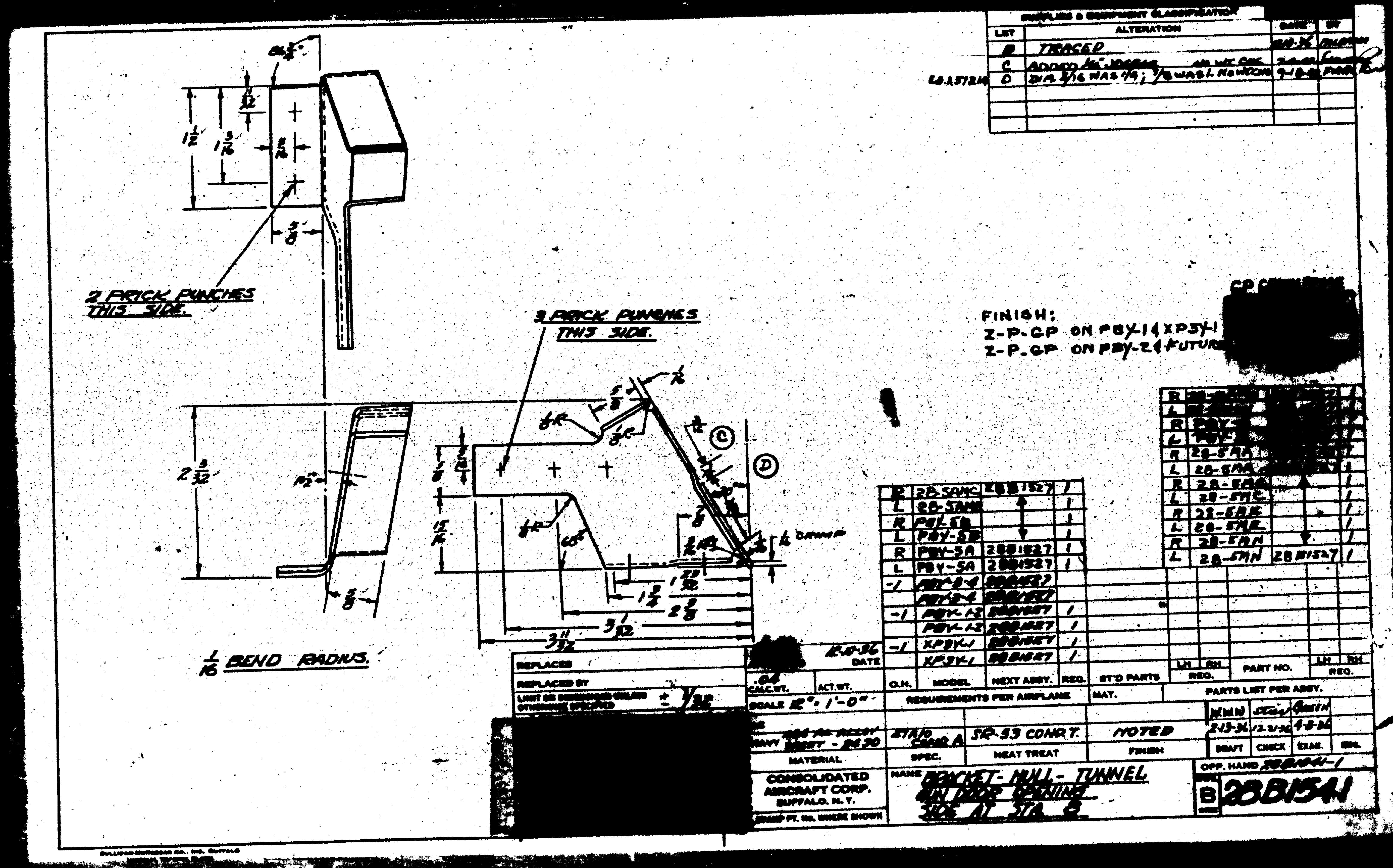
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
C TRACED
D INCREASED WIDTH AT BOTTOM 1/8 INCH; 2 1/4 DIM WAS 2 1/8
E DIMENSION WAS 1/2 NOW 5/8
3 PRICK PUNCHES HERE
5 PRICK PUNCHES HERE
USE 1/16 BEND RADIUS.
FINISH:
Z-P-?? ON PBY-1
Z-F-?? ON PBY-2 & FUTURE
R PBY-5A 28B1527 1
L PBY-5A 28B1527 1
-1 PBY-2 28B1527 1
-1 PBY-1 28B1527 1
PART NO.
REQ.
STD PARTS
PARTS LIST PER ASSY.
REQUIREMENTS PER AIRPLANE
MAT.
REPLACES 28B1532 of 2-24-36
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
12-8-36
DATE
SCALE 12" = 1'-0"
MATERIAL
SPEC.
HEAT TREAT
FINISH
SR-33-COND.T.
NOTED
DRAFT
CHECK
EXAM.
ENG.
12-8-36
12-21-36
MILLER
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
BRACKET-HULL-TUNNEL GUN DOOR OPENING FRONT FRAME
OPP. HAND 28B1532-1
B 28B1532
[redacted]
REF.
FOR XP3Y-1 ARRANGEMENT SEE 28B1532 of 2-24-36
FOR XP3Y-1 REPLACEMENT USE PRESENT DWG.



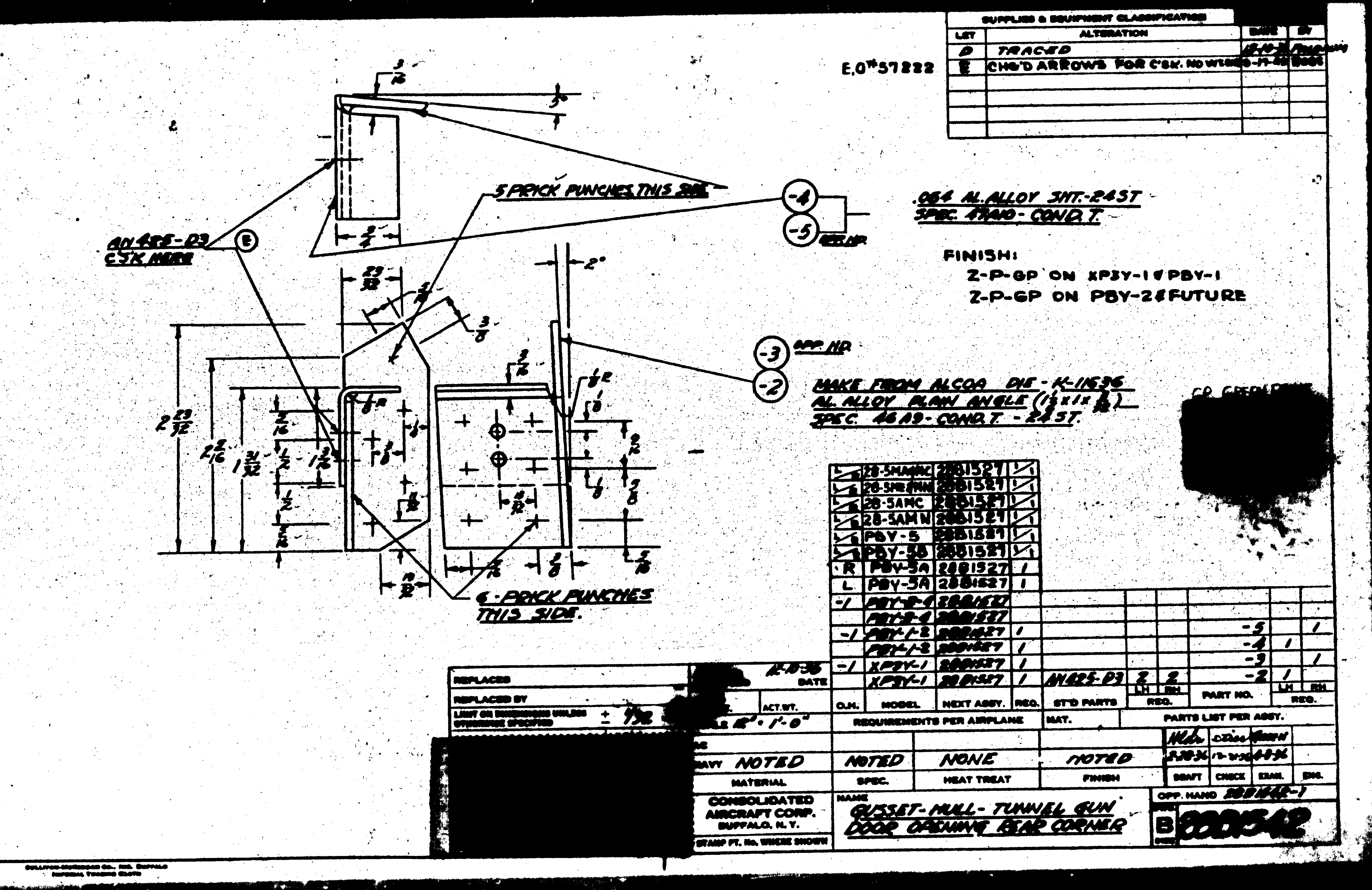
SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
TRACED
AC 425-D3 C'SINK HERE
89°
89½°
.064 AL ALLOY - 24 ST
SPEC. 47 AND COND. T.
-4
-5
-2 SHOWN -3 OPP. HAND
MAKE FROM
AL. ALLOY EXT. SECT. (1½ x 1 x 1/8)
ALCOA DIE # K-1636
SPEC. 46A9 COND. T. -24 ST
GP GREEN PRIME
[redacted]
FINISH:
Z-P-GP ON XP3Y-1 & PBY-1
Z-P-GP ON PBY-2 & FUTURE
6 PRICK PUNCHES THIS SIDE.
5 PRICK PUNCHES THIS SIDE
R PBY-5A 28B1527 1
L PBY-5A 28B1527 1
-1 PBY-3-4 28B1527
PBY-3-4 28B1527
-1 PBY-1-2 28B1527 1
PBY-1-2 28B1527 1
-1 XPBY-1 28B1527 1
XPBY-1 28B1527 1
L-R PBY-5B 28B1527 1EA
AC 425 D3 2 2
-5 1
-4 1
-3 1
-2 1
LH RH
O.H. MODEL NEXT ASSY. REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
PARTS LIST PER ASSY.
REQUIREMENTS PER AIRPLANE
MAT.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
12-10-36
DATE
[redacted]
CALC. WT.
ACT. WT.
SCALE 12" - 1'-0"
AC
NAVY NOTED
NOTED
NONE
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
8-14-36
12-21-36
8-3-36
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND 28B1532-1
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME GUSSET - HULL - TUNNEL
GUN DOOR OPENING
FRONT CORNER
B 28B1534



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
D
TRACED
7-1½ SPACES
3¼
3½ SPACES
3
5-1½ SPACES
3¾
½
½
¼
⅛
VIEW A SHOWING LOCATION OF PRICK PUNCHES SCALE 3" = 1'-0"
25 PRICK PUNCHES THIS SIDE
SECTION A-A
KNIFE EDGE OVER THIS LENGTH SYMMETRICAL FOR BOTH ENDS EXCEPT FOR
2 19/32
2 1/4
A
A
7/8
1/2 R
4½°
POINT "C"
POINT "B"
6½°
2°
120°
1/2 R
POINTS "B" & "C"
39 3/4 ± 1/32
NOTE: POINTS "B" & "C" ARE IDENTICAL WITH THOSE OF BASE LINE DIAGRAM 28B1526 REF.
[redacted]
MAKE FROM ALCOA DIE # K-2499 AL. ALLOY TEE SECTION - 2430 (1½ x 1⅛ x 1/16)
FINISH: Z-P ON XP3Y-1 & PBY-1 Z-P ON PBY-2 & FUTURE G.P.
-1 | PBY-3-6 | 28B1527
PBY-3-4 | 28B1527
-1 | PBY-1-2 | 28B1527 | 1 | R | PBY-5B | 28B1527 | 1
PBY-1-2 | 28B1527 | 1 | L | PBY-5B | 28B1527 | 1
-1 | XP3Y-1 | 28B1527 | 1 | R | PBY-5A | 28B1527 | 1
XP3Y-1 | 28B1527 | 1 | L | PBY-5A | 28B1527 | 1
O.H. | MODEL | NEXT ASSY. | REQ.
REQUIREMENTS PER AIRPLANE
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
12-10-36 DATE
CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
NAVY NOTED
MATERIAL
ALA9-Cond A
SPEC.
SR-53 Cond. T
HEAT TREAT
NOTED
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME BASE-HULL-TUNNEL GUN DOOR OPENING SIDE FRAME
B

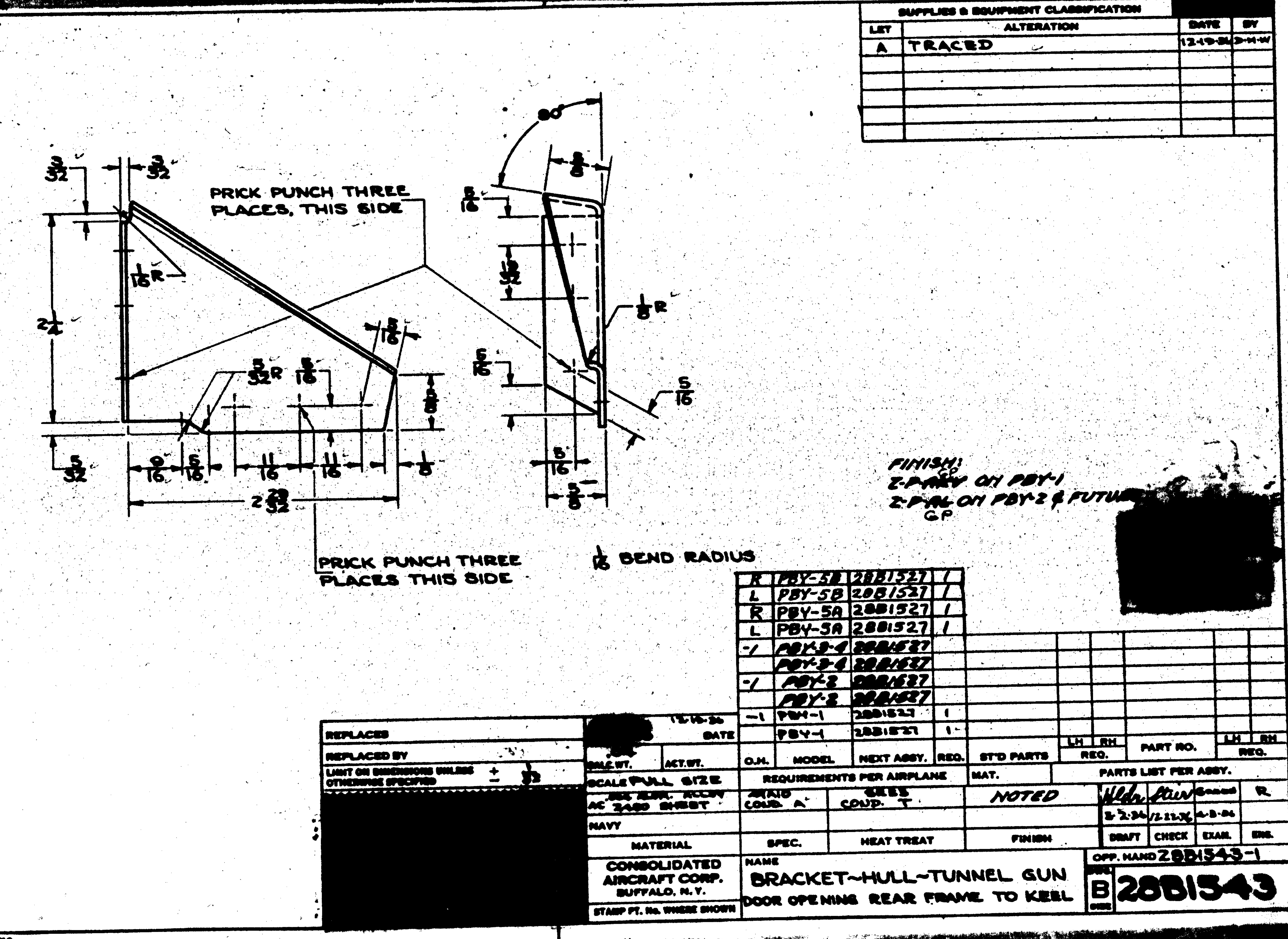


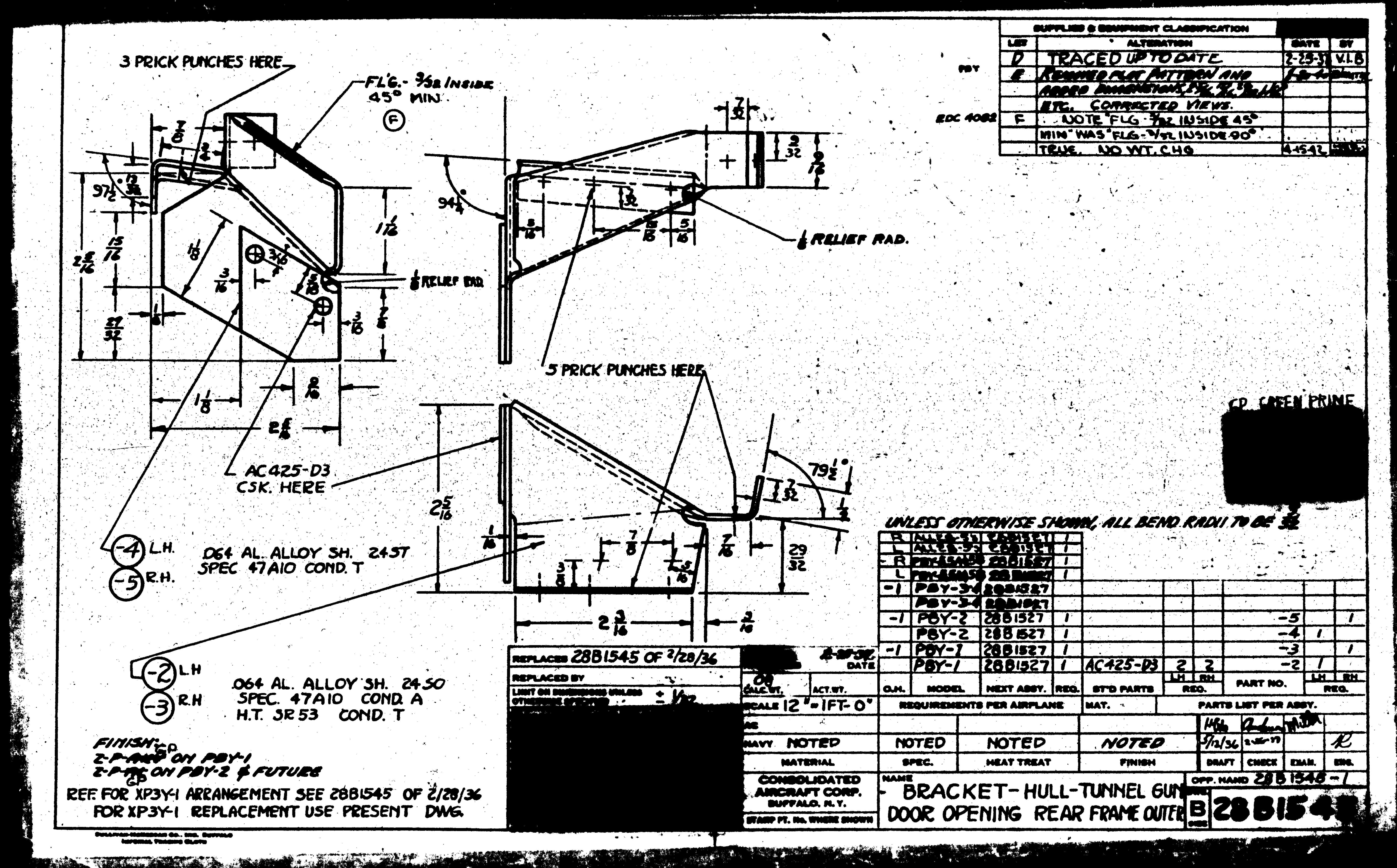
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
B TRACED
C ADDED WT. NOTES
D DIA 3/16 WAS 1/4; 1/8 WAS 1.
2 PRICK PUNCHES THIS SIDE.
3 PRICK PUNCHES THIS SIDE.
1/16 BEND RADIUS.
1/16 CRIMP
FINISH:
Z-P-GP ON PBY-1 & XP3Y-1
Z-P-GP ON PBY-2 & FUTURE
[redacted]
R 28-5AMC 28B1527 1
L 28-5AMC 1
R PBY-5B 1
L PBY-5B 1
R PBY-5A 28B1527 1
L PBY-5A 28B1527 1
-1 PBY-3-4 28B1527
PBY-3-4 28B1527
-1 PBY-1-2 28B1527 1
PBY-1-2 28B1527 1
-1 XP3Y-1 28B1527 1
XP3Y-1 28B1527 1
R 28-5AA
L 28-5AA
R 28-5ME
L 28-5ME
R 28-5ME
L 28-5ME
R 28-5AN
L 28-5MN 28B1527 1
[redacted]
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
12-10-36 DATE
.04 CALC.WT.
ACT.WT.
SCALE 12" = 1'-0"
O.H. MODEL NEXT ASSY. REQ. STD PARTS LH RH REQ. PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NAVY 24S AL. ALLOY SHEET - .040
STA.10 COND A
SR-53 COND.T.
NOTED
MATERIAL SPEC. HEAT TREAT FINISH
DRAFT CHECK EXAM. ENG.
12-13-36 12-21-36 4-8-36
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME BRACKET - HULL - TUNNEL GUN DOOR OPENING SIDE AT STA. 2
OPP. HAND 28B1541-1
B 28B1541



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
D TRACED
E CHG'D ARROWS FOR C'SK. NOTES
E.O. 57222
5 PRICK PUNCHES THIS SIDE
AN 425-D3 C'SK HERE
E
-4
-5 OPP. HD.
.064 AL. ALLOY SHT.-24ST
SPEC. 47A10 - COND. T.
FINISH:
Z-P-GP ON XP3Y-1 & PBY-1
Z-P-GP ON PBY-2 & FUTURE
-3 OPP. HD.
-2
MAKE FROM ALCOA DIE - K-11636
AL. ALLOY PLAIN ANGLE
SPEC. 46A9 - COND. T. - 24 ST.
6 - PRICK PUNCHES THIS SIDE.
28-5MAMC 28B1527
28-5MAMN 28B1527
28-5AMC 28B1527
28-5AMN 28B1527
PBY-5 28B1527
PBY-5B 28B1527
R PBY-5A 28B1527 1
L PBY-5A 28B1527 1
-1 XPBY-1 28B1527 1
XPBY-1 28B1527 1 AN425-D3 2 2 -2 1
-5 1
-4 1
-3 1
LH RH
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
REQ.
PART NO.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
DATE
ACT.WT.
NOTED
NOTED
NONE
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
GUSSET-HULL-TUNNEL GUN DOOR OPENING REAR CORNER
OPP. HAND
B
STAMP PT. No. WHERE SHOWN

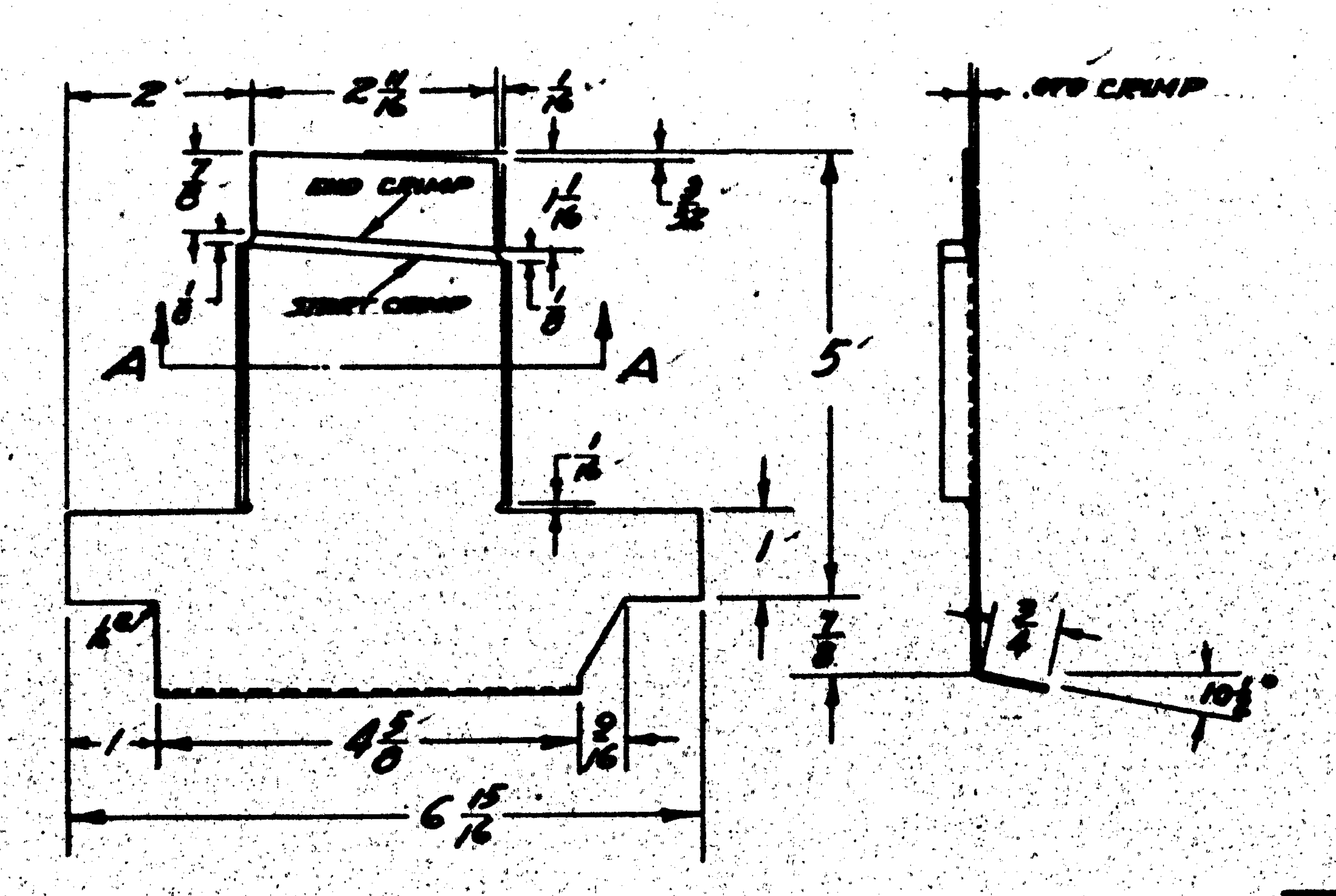
[redacted]

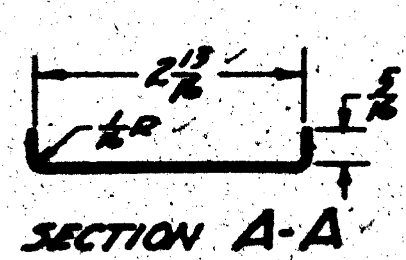

SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
A | TRACED | 12-19-36 | H.W.
PRICK PUNCH THREE PLACES, THIS SIDE
PRICK PUNCH THREE PLACES THIS SIDE
1/16 BEND RADIUS
80°
3/32
3/32
1/16 R
2 1/4
5/32 R
5/16
5/16
3/8
5/32
9/16
5/16
11/16
11/16
1/8
2 29/32
5/16
13/32
1/8 R
5/16
5/16
5/16
5/8
FINISH:
Z-P CP ON PBY-1
Z-P GP ON PBY-2 & FUTURE
[redacted]
R | PBY-5B | 28B1527 | 1
L | PBY-5B | 28B1527 | 1
R | PBY-5A | 28B1527 | 1
L | PBY-5A | 28B1527 | 1
-1 | PBY-3-4 | 28B1527
PBY-3-4 | 28B1527
-1 | PBY-2 | 28B1527
PBY-2 | 28B1527
-1 | PBY-1 | 28B1527 | 1
PBY-1 | 28B1527 | 1
O.H. | MODEL | NEXT ASSY. | REQ. | STD PARTS | LH RH REQ. | PART NO. | LH RH REQ.
REQUIREMENTS PER AIRPLANE | MAT. | PARTS LIST PER ASSY.
REPLACED
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
[redacted] 12-15-36 DATE
CALC. WT. | ACT. WT.
SCALE FULL SIZE
.064 ALUM. ALLOY AC 2400 SHEET | ANNO COND. A | SEES COND. T | NOTED
NAVY
MATERIAL | SPEC. | HEAT TREAT | FINISH
3-2-36 | 12-22-36 | 4-3-36
DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
BRACKET~HULL~TUNNEL GUN DOOR OPENING REAR FRAME TO KEEL
OPP. HAND 28B1543-1
B
28B1543



3 PRICK PUNCHES HERE
FL'G.- 3/32 INSIDE 45° MIN
F
1/8 RELIEF RAD.
5 PRICK PUNCHES HERE
AC425-D3 CSK. HERE
-4 L.H.
-5 R.H.
.064 AL. ALLOY SH. 24ST SPEC 47A10 COND. T
-2 L.H
-3 R.H
.064 AL. ALLOY SH. 24SO SPEC. 47A10 COND. A H.T. SR 53 COND. T
FINISH: GP
Z-P-AN ON PBY-1
Z-P- ON PBY-2 & FUTURE
REF. FOR XP3Y-1 ARRANGEMENT SEE 28B1545 OF 2/28/36
FOR XP3Y-1 REPLACEMENT USE PRESENT DWG.
UNLESS OTHERWISE SHOWN, ALL BEND RADII TO BE 3/32
SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
D | TRACED UP TO DATE | 2-25-37 | V.L.B.
E | REMOVED FLAT PATTERN AND ADDED DIMENSIONS, ETC. CORRECTED VIEWS.
F | NOTE "FLG 3/32 INSIDE 45° MIN" WAS "FLG-3/32 INSIDE 90°" TRUE. NO WT. CHG | 4-15-42
EDC 4082
CP GREEN PRIME
REPLACES 28B1545 OF 2/28/36
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
SCALE 12" = 1FT-0"
CALC. WT. | ACT. WT.
O.H. | MODEL | NEXT ASSY. | REQ. | STD PARTS | REQ. | PART NO. | REQ.
-1 | PBY-2 | 28B1527 | 1 | -5 | 1
PBY-2 | 28B1527 | 1 | -4 | 1
-1 | PBY-1 | 28B1527 | 1 | -3 | 1
PBY-1 | 28B1527 | 1 | AC425-D3 | 2 | 2 | -2 | 1
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
NAVY NOTED | NOTED | NOTED | NOTED
MATERIAL | SPEC. | HEAT TREAT | FINISH | DRAFT | CHECK | EXAM. | ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME
BRACKET-HULL-TUNNEL GUN DOOR OPENING REAR FRAME OUTER
OPP. HAND 28B1546-1
B 28B154

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-11-36	[illegible]
C	7/16 WAS 39/64 & 10 1/2° WAS 9°	1-20-38	[illegible]





SECTION A-A

O.H.	MODEL	NEXT ASSY.	REQ.
R	PBY-5B	28B1900	1
L	PBY-5B	28B1900	1
R	PBY-5A	28B1900	1
L	PBY-5A	28B1900R	1
-3,-1	PBY-4	28B1900	
-3,-1	PBY-3	28B1900	
-1	PBY-2	28B1900	
	PBY-2	28B1900	
-1	PBY-1	28B1900	
	PBY-1	28B1900	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS + 1/64

[redacted]

[illegible] 12-11-36 DATE

CALC. WT. — ACT. WT.

SCALE 6"=1'-0"

MATERIAL	SPEC.	HEAT TREAT	FINISH
DOS. AL. ALLOY 24SO	57A10 COND. A.	SR 53	NONE

DRAFT	CHECK	EXAM.	ENG.
C. C.	[illegible]	WATTS	
11-7-35	12-21-36		

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

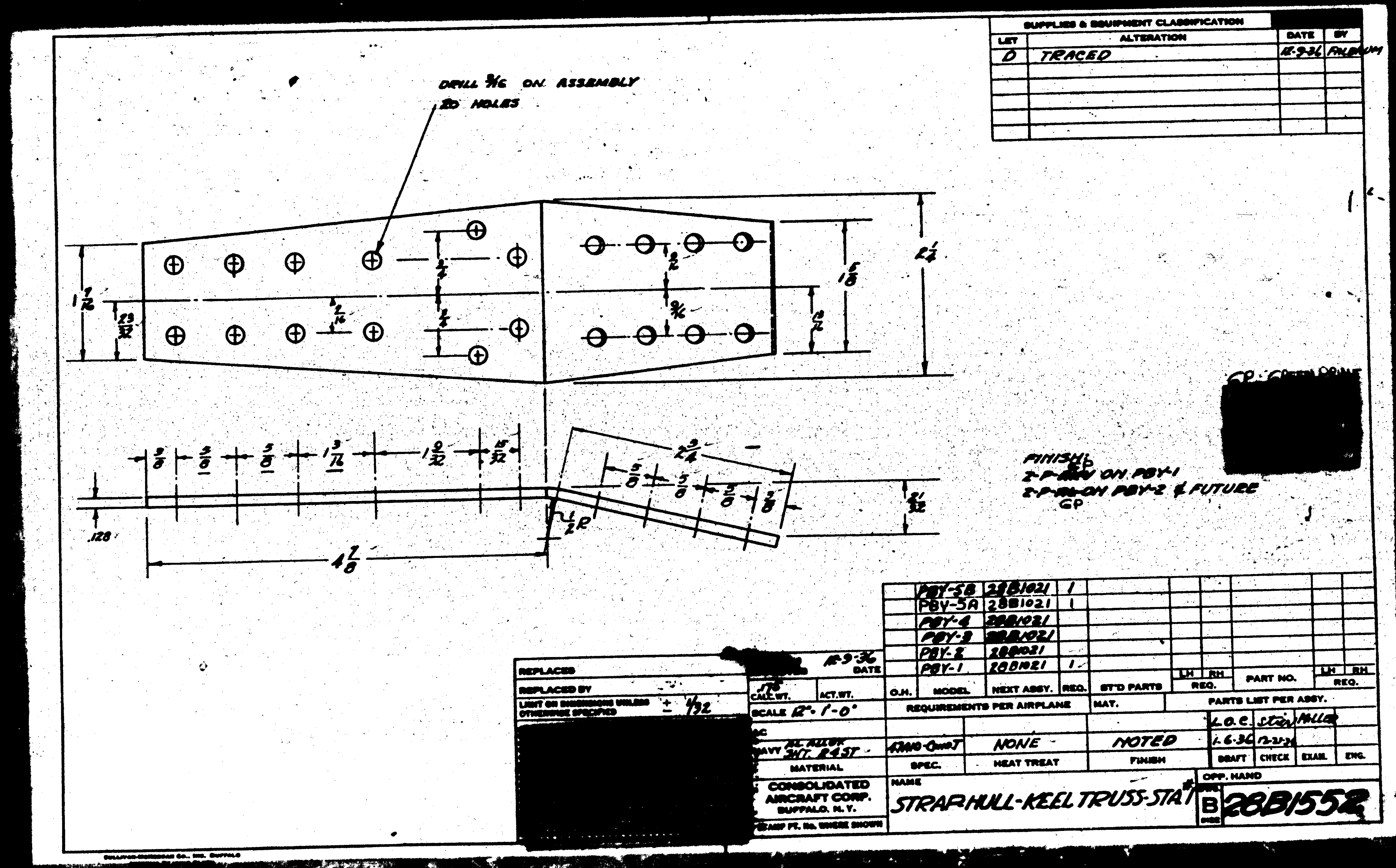
STAMP PT. No. WHERE SHOWN

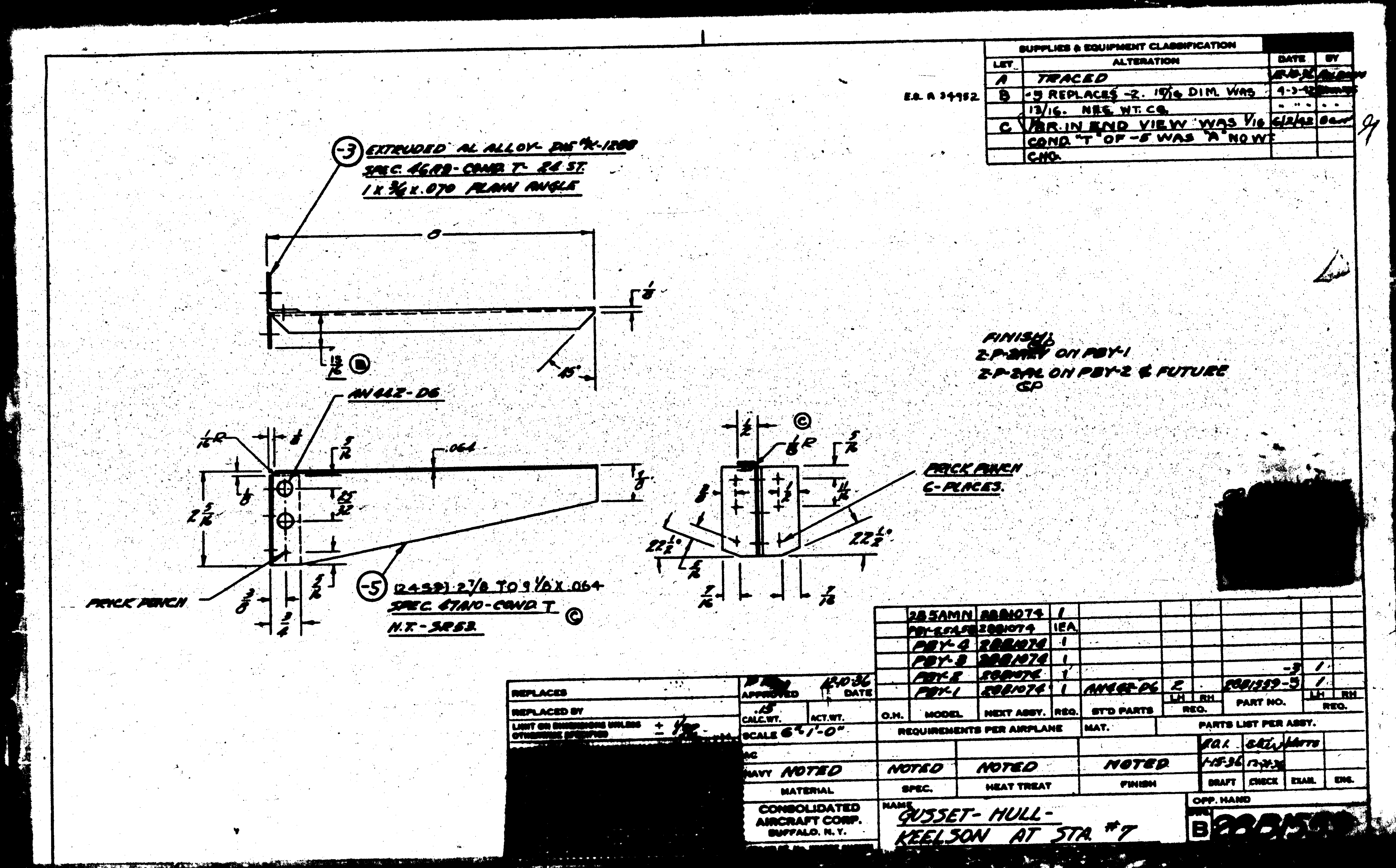
NAME BRACKET - HULL - (FRAME 9) BEACHING GEAR - REINFORCING

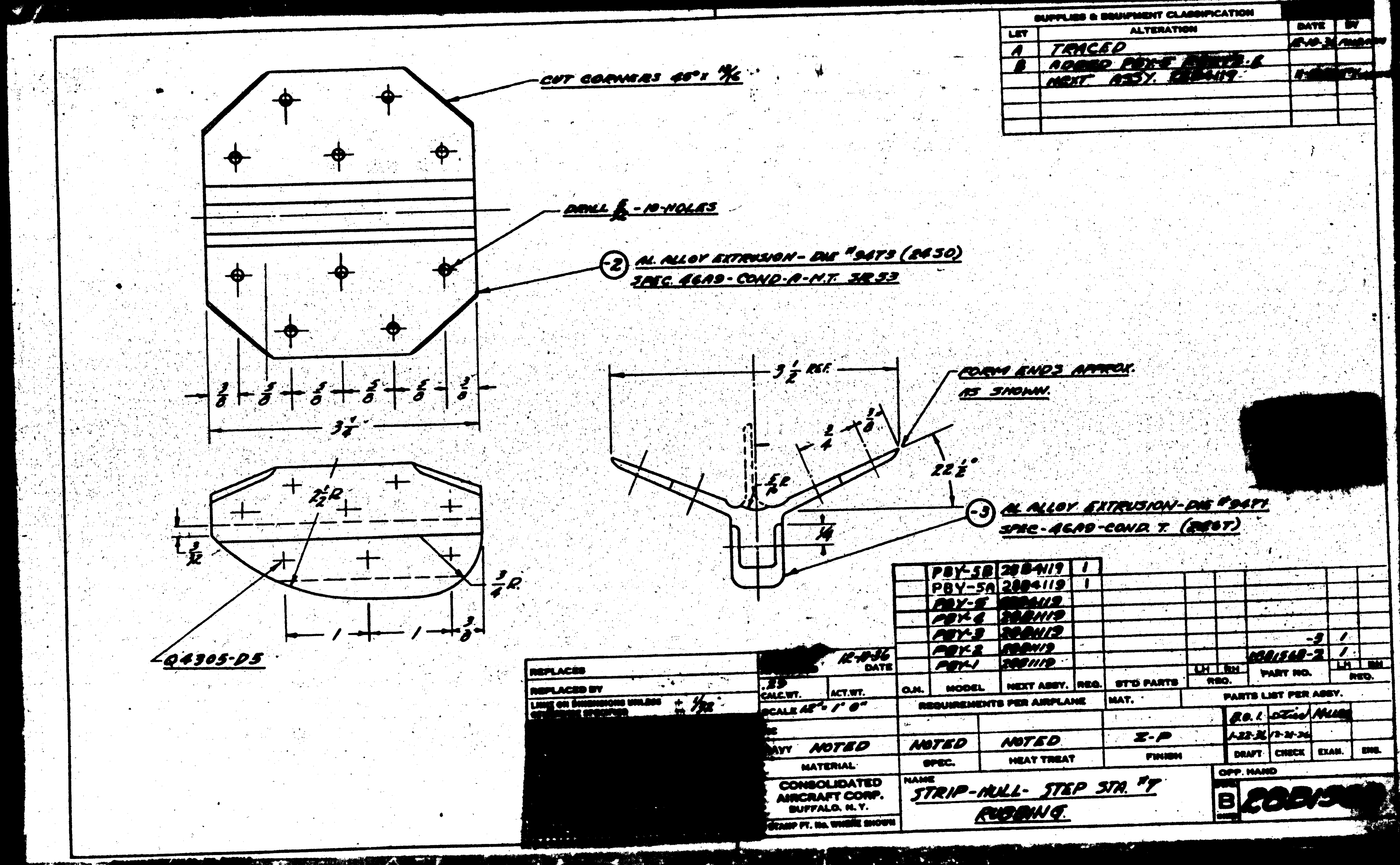
OPP. HAND 28B1551-1

B 28B1551

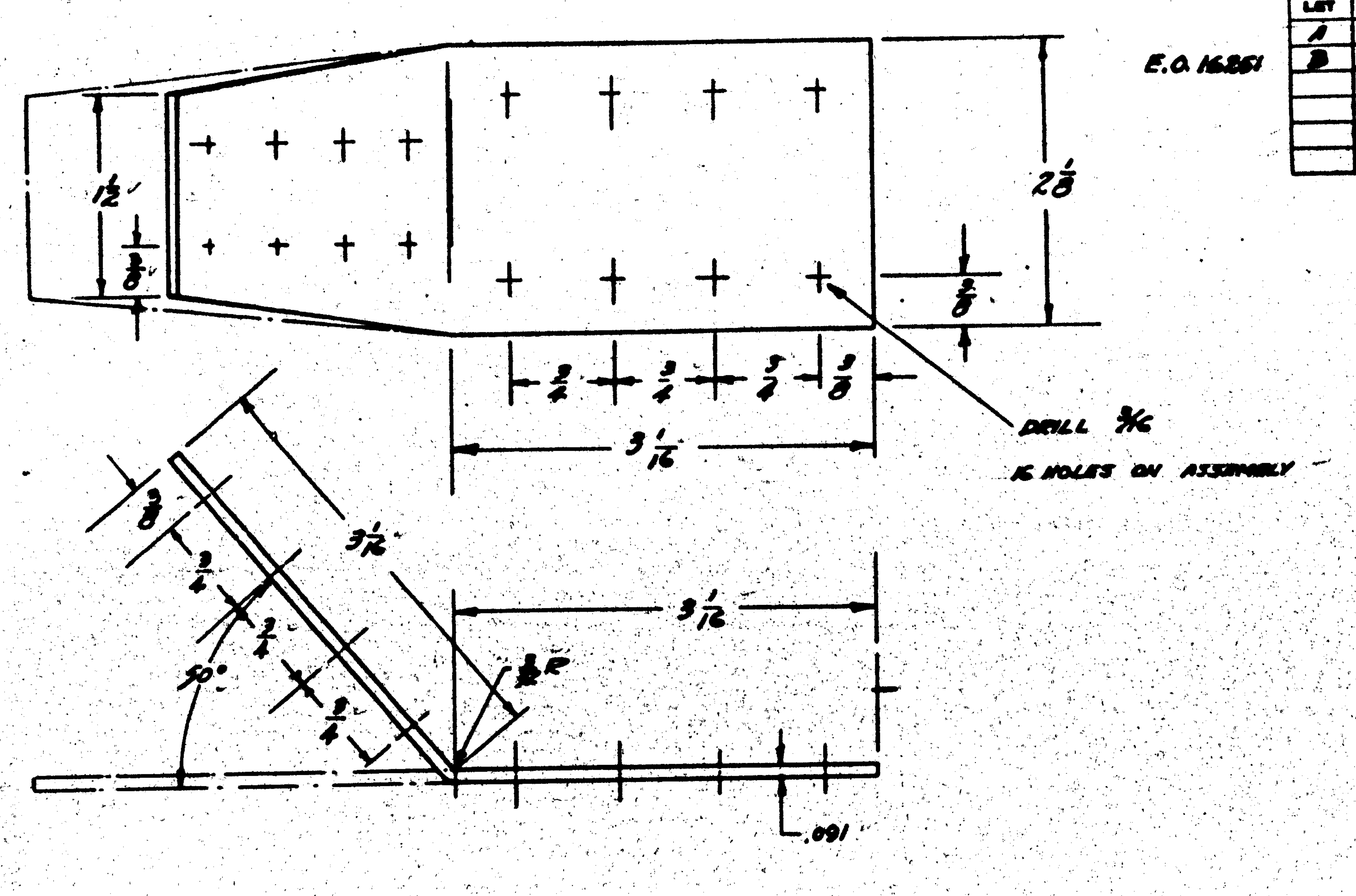
SULLIVAN-McKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
D
TRACED
12-9-36
DRILL 3/16 ON ASSEMBLY
20 HOLES
1 9/16
23/32
1/2
9/16
1 5/8
2 1/4
13/16
9/16
5/8
5/8
1 3/16
1 9/32
15/32
2 3/4
5/8
5/8
5/8
1/8
21/32
.128
1/2 R
4 7/8
[redacted]
FINISH:
Z-P-AN ON PBY-1
Z-P-AN-ON PBY-2 & FUTURE
GP
PBY-5B
28B1021
1
PBY-5A
28B1021
1
PBY-4
28B1021
PBY-3
28B1021
PBY-2
28B1021
PBY-1
28B1021
1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
[redacted]
12-9-36
DATE
.178
CALC. WT.
ACT. WT.
SCALE 12" - 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
LH
RH
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY AL. ALLOY SHT. 24ST
MATERIAL
ANO-CONST
SPEC.
NONE
HEAT TREAT
NOTED
FINISH
L.O.C.
1-6-36
DRAFT
12-21-36
CHECK
EXAM.
ENG.
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
STRAP-HULL-KEEL TRUSS-STA. 1
OPP. HAND
B
SIZE
28B1552


SUPPLIES & EQUIPMENT CLASSIFICATION
LET. | ALTERATION | DATE | BY
A TRACED
B -5 REPLACES -2. 15/16 DIM. WAS 13/16. NEG WT. CG. 4-3-42
C 1/8R IN END VIEW WAS 1/16 COND "T" OF -5 WAS "A" NO WT CHG. 6/2/42
E.O. A 34952
-3 EXTRUDED AL ALLOY- DWG #X-1208 SPEC. 46A9-COND T- 24 ST. 1 x 3/4 x .070 PLAIN ANGLE
8
1/8
15/16 B
15°
AN442-D6
1/16R
1/8
5/16
.064
1/8
25/32
2 5/16
PRICK PUNCH
3/8
5/16
3/4
-5 (24ST) 2 7/8 TO 9 1/8 X .064 SPEC. 47A10-COND T H.T.-SR53 C
1/2
C
1/8R
5/16
11/16
22 1/2°
5/16
7/16
7/16
PRICK PUNCH 6-PLACES
FINISH: Z-P-2AAV ON PBY-1 Z-P-2AL ON PBY-2 & FUTURE
[redacted]
28-5AMN 28B1074 1
PBY-5 28B1074 1EA
PBY-4 28B1074 1
PBY-3 28B1074 1
PBY-2 28B1074 1
PBY-1 28B1074 1 AN442-D6 2 28B1559-5 1
-3 1
O.H. MODEL NEXT ASSY. REQ. STD PARTS REQ. LH RH PART NO. LH RH REQ.
REQUIREMENTS PER AIRPLANE PARTS LIST PER ASSY.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64
APPROVED 12-10-36 DATE
.15 CALC.WT. ACT.WT.
SCALE 6"=1'-0"
MAT.
[redacted]
NAVY NOTED NOTED NOTED NOTED
MATERIAL SPEC. HEAT TREAT FINISH
DRAFT CHECK EXAM. ENG.
11-18-36 12-21-36
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
NAME GUSSET- HULL- KEELSON AT STA. #7
B [redacted]



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
B
ADDED
NEXT ASSY.
CUT CORNERS 45° x 1/16
DRILL 1/8 - 10-HOLES
-2
AL. ALLOY EXTRUSION - DIE #9473 (24SO)
SPEC. 46A9 - COND.-A-H.T. 3R33
3/8
5/8
5/8
5/8
5/8
3/8
3 1/4
2 1/2 R
3/32
3/4 R
1
1
3/8
Q4305-D5
3 1/2 REF.
FORM ENDS APPROX. AS SHOWN.
3/8
2/4
22 1/2°
5/8 R
1/4
-3
AL. ALLOY EXTRUSION - DIE #9471
SPEC - 46A9 - COND. T. (24ST)
PBY-5B
28B4119
1
PBY-5A
28B4119
1
PBY-5
28B4119
PBY-4
28B4119
PBY-3
28B4119
PBY-2
28B4119
PBY-1
28B4119
-3
1
28B1568-2
1
LH
RH
PART NO.
LH
RH
REQ.
REQ.
STD PARTS
PARTS LIST PER ASSY.
12-11-36
DATE
REPLACES
REPLACED BY
.39
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
REQUIREMENTS PER AIRPLANE
MAT.
SCALE FULL 1" 0"
NOTED
NOTED
NOTED
Z-P
MATERIAL
SPEC.
HEAT TREAT
FINISH
R.O.L.
1-22-36
12-21-36
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
STRIP - HULL - STEP STA. #7
RUBBING
B



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-9-36	[illegible]
B	MATERIAL WAS 2450 SPEC. WAS COND. A H.T. WAS 3R-33	11-30-[illegible]	DON

	MODEL	NEXT ASSY.	REQ.
	PBY-5458	28B1100	1
	PBY-4	28B1100	
	PBY-3	28B1100	
	PBY-2	28B1100	
	PBY-1	28B1100	1

O.H. — MODEL — NEXT ASSY. — REQ. — ST'D PARTS — REQ. (LH, RH) — PART NO. — REQ. (LH, RH)

REQUIREMENTS PER AIRPLANE — MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted] 12-9-36 DATE

ACT. WT.

SCALE 12" - 1'-0"

MATERIAL	SPEC.	HEAT TREAT	FINISH
AL. ALLOY SHEET 2457	AN10 COND. T.		NONE

DRAFT	CHECK	EXAM.	ENG.
L.O.C.	Stein	Miller	
2-10-36	12-3-36		

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME: STRAP HULL - BULKHEAD # 1

OPP. HAND

DWG. SIZE B — 28B1574

[redacted]

SULLIVAN-MCKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
B	TRACED UPTO DATE	2-25-37	R.A.
C	CHGD. DIM'S. 1 1/8 WAS 1 3/8, 1 WAS 3/4, 3/4 WAS 7/8; NO WT CHG.	6/2/42	[illegible]

E.O. #A37758

Ⓒ RIB REF.

A — A, B — B, C — C, D — D, G — G

$1\frac{15}{32}$, $\frac{7}{16}$, $1\frac{1}{16}$, $1\frac{17}{32}$, $2\frac{7}{32}$, $4\frac{3}{4}$, $\frac{7}{8}$, $1\frac{1}{8}$, 1, $1\frac{1}{2}$ R, 3, 1, $10\frac{7}{8}$, $1\frac{1}{2}$, $\frac{3}{8}$, $2\frac{1}{2}$°, $2\frac{1}{8}$, 2, 35°, $\frac{28}{32}$ R, $\frac{3}{32}$ R

(4) R.H. OPPOSITE (5)

(3) R.H. OPPOSITE

(2)

Ⓒ

DIAGONAL BULK'D REF.

E, F

SECTION	E	F
A-A	1/64	3/16
B-B	1/64	5/64
C-C	1/64	1/64
D-D	1/64	1/16
G-G	5/64	1/8

OH	MODEL	NEXT ASSY	REQ.
5	28-5MN	28B1094	1
4	28-5MN	28B1094	1
3	28-5MN	28B1094	1
2	28-5MN	28B1094	1
5	28-5AMC	28B1094	1
4	28-5AMC	28B1094	1
3	28-5AMC	28B1094	1
2	28-5AMC	28B1094	1
5	PBY5B	28B1094	1
4	PBY5B	28B1094	1
3	PBY5B	28B1094	1
2	PBY5B	28B1094	1
5	28-5AMN	28B1094	1
4	28-5AMN	28B1094	1
3	28-5AMN	28B1094	1
2	28-5AMN	28B1094	1

O.H.	MODEL	NEXT ASSY.	REQ.
-5	PBY-1,2,3	28B1094	1EA
-4	PBY-1,2,3	28B1094	1EA
-3	PBY-1,2,3	28B1094	1EA
-2	PBY-1,2,3	28B1094	1EA
-5	PBY-5A	28B1094	1
4	PBY-5A	28B1094	1
3	PBY-5A	28B1094	1
2	PBY-5A	28B1094	1
5	PBY5	28B1094	1
4	PBY5	28B1094	1
3	PBY5	28B1094	1
2	PBY5	28B1094	1
-5	28-5MA	28B1094	1
-4	28-5MA	28B1094	1
-3	28-5MA	28B1094	1
-2	28-5MA	28B1094	1
-5	28-5MC	28B1094	1
-4	28-5MC	28B1094	1
-3	28-5MC	28B1094	1
-2	28-5MC	28B1094	1
-5	28-5ME	28B1094	1
-4	28-5ME	28B1094	1
-3	28-5ME	28B1094	1
-2	28-5ME	28B1094	1

REQUIREMENTS PER AIRPLANE

STD PARTS	LH REQ.	RH REQ.	PART NO.	LH REQ.	RH REQ.
			-5		
			-4		
			-3		
			-2		

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ±.015 ±½°

[redacted]

[redacted] 2-25-37 DATE

CALC. WT. — ACT. WT.

SCALE 6" = 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY [illegible] AL ALLOY SH.	47A10 [illegible]	62,000 #/□"	NONE

DRAFT	CHECK	EXAM.	ENG.
[illegible]	[illegible]		
2-18-36	2-26-37		

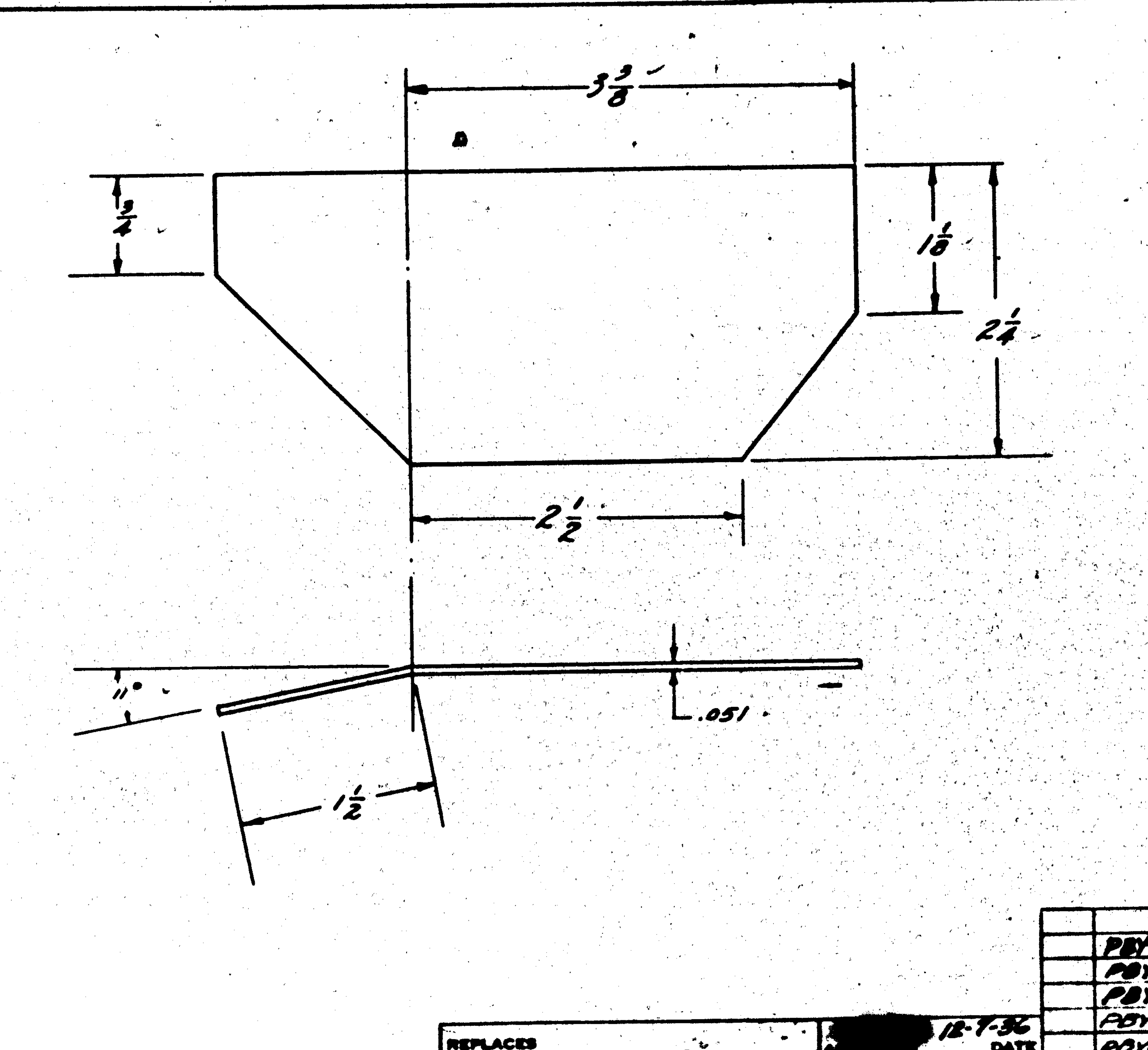
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME ANGLES — HULL — REAR DIAGONAL BULKHEAD

OPP. HAND

B 28B15[illegible]



SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A	TRACED	12-7-36	[illegible]
B	MAT'L WAS COND A	5-27-37	M.E.A.

O.N.	MODEL	NEXT ASSY.	REQ.
	PBY-5B	28B1100	1
	PBY-4	28B1100	
	PBY-3	28B1100	
	PBY-2	28B1100	
	PBY-1	28B1100	

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH

MAT. — PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted] 12-7-36 DATE

CALC. WT.	ACT. WT.
.05	

SCALE 12" - 1'-0"

AC

MATERIAL	SPEC.	HEAT TREAT	FINISH
NAVY AL. ALLOY SHEET 24S0	47A10 Cond T	NONE	NONE

DRAFT	CHECK	EXAM.	ENG.
LOC. 2-19-36	[illegible] 12-21-36	Muller	

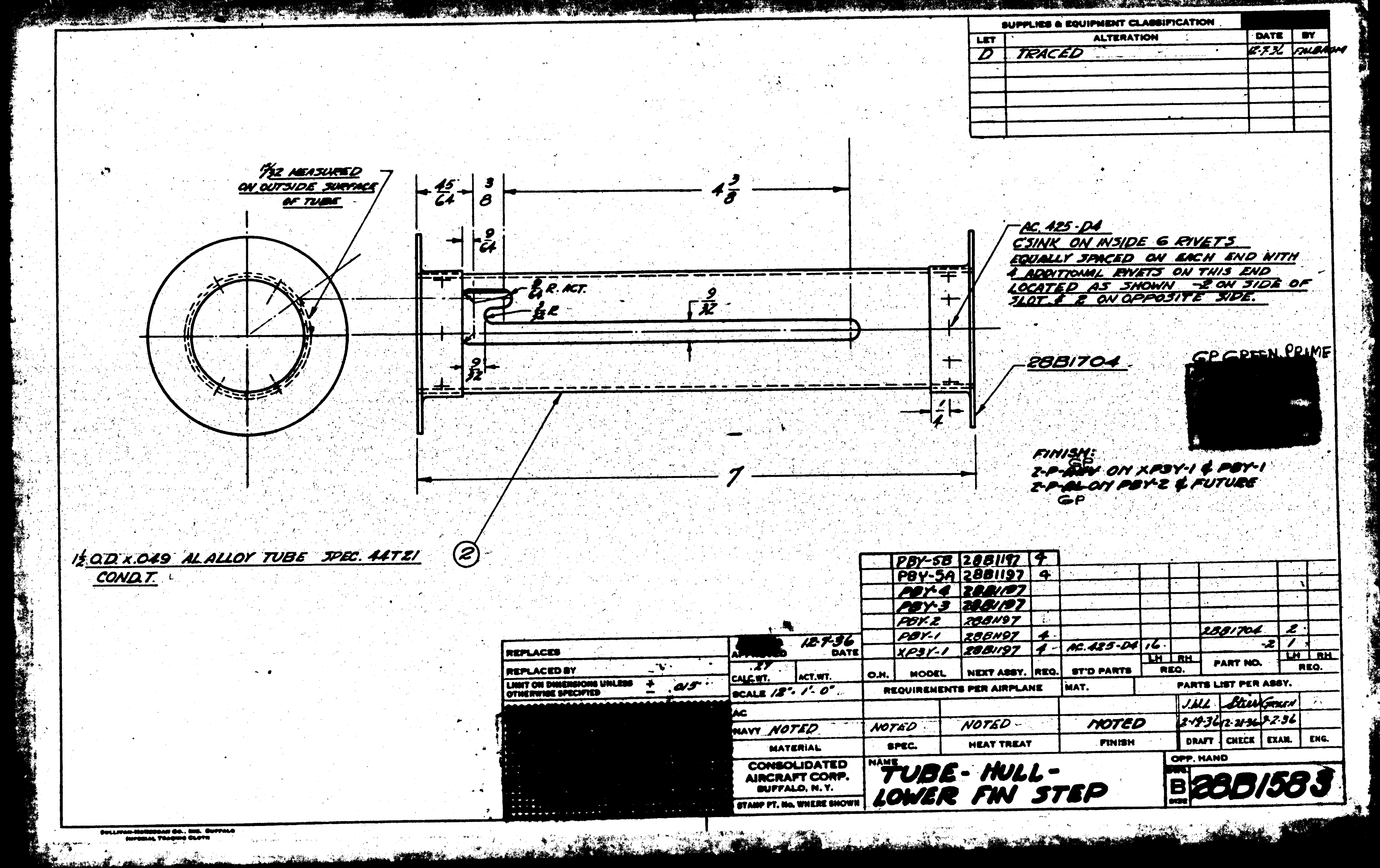
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.

STAMP PT. No. WHERE SHOWN

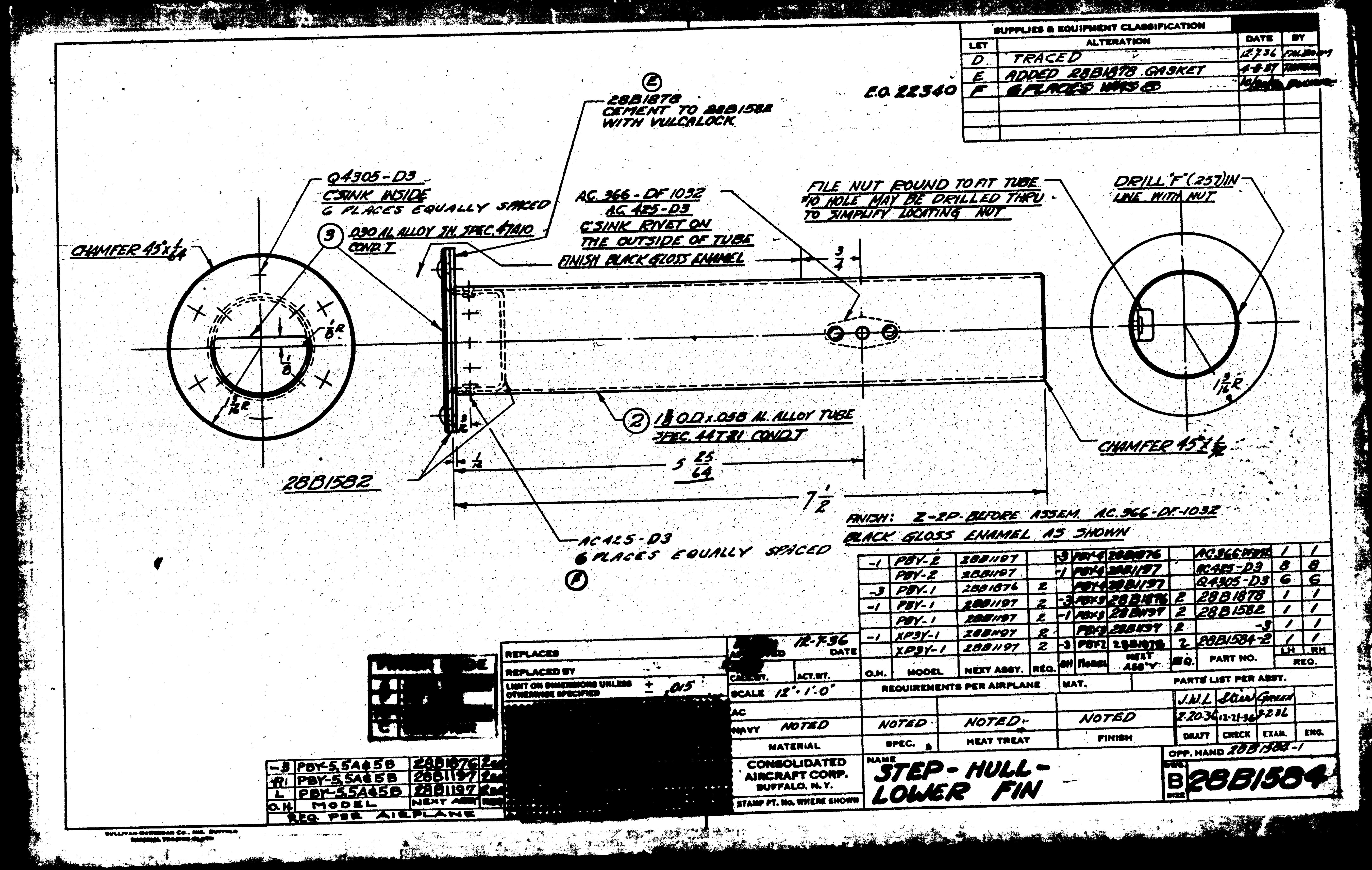
NAME GUSSET - HULL - BULKHEAD #1

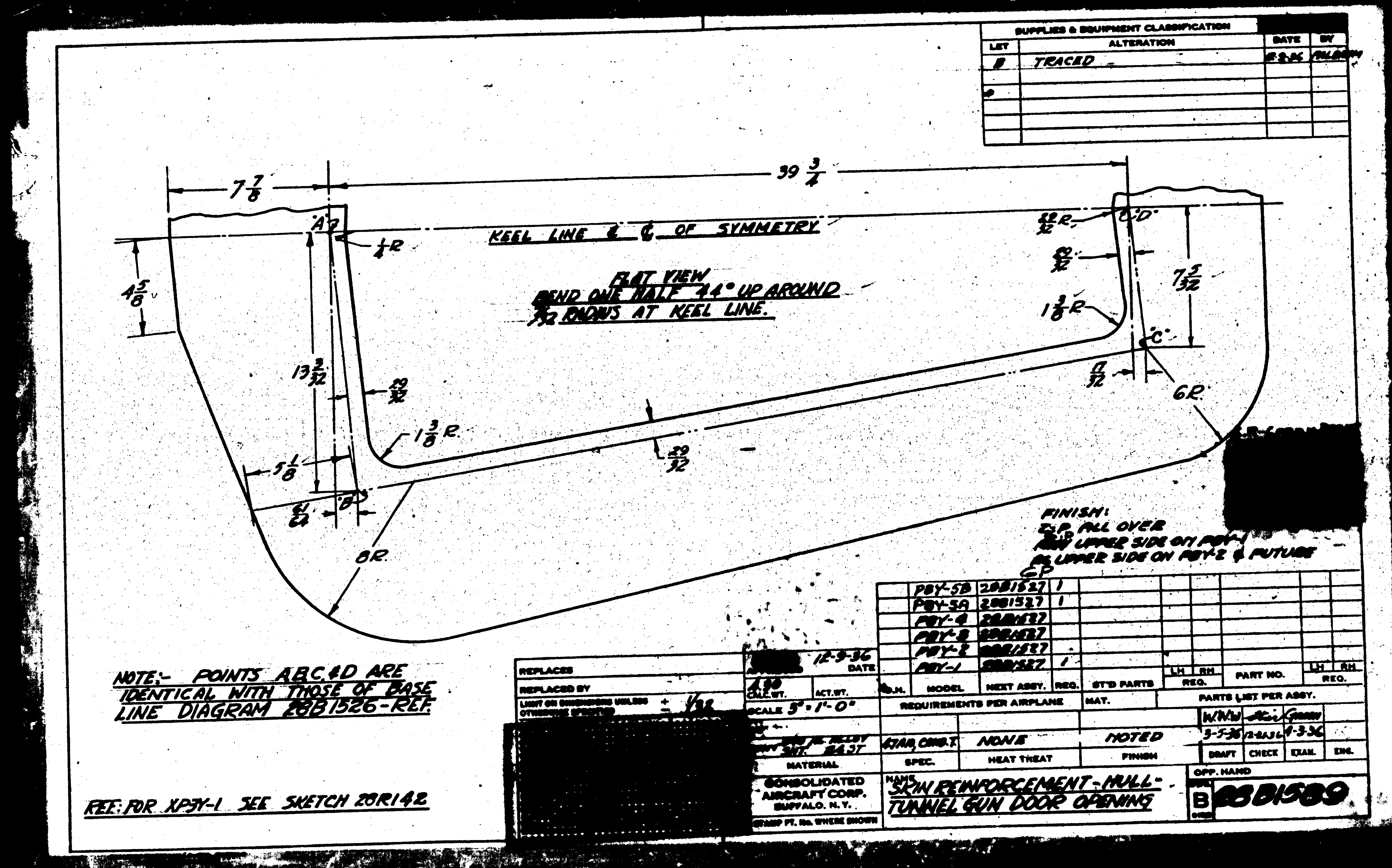
OPP. HAND

DWG. B 28B1581



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
D
TRACED
12-7-36
1/32 MEASURED ON OUTSIDE SURFACE OF TUBE
45/64
3/8
4 3/8
9/64
9/64 R. ACT.
1/8 R
9/32
9/32
AC. 425-D4
C'SINK ON INSIDE 6 RIVETS EQUALLY SPACED ON EACH END WITH 4 ADDITIONAL RIVETS ON THIS END LOCATED AS SHOWN -2 ON SIDE OF SLOT & 2 ON OPPOSITE SIDE.
28B1704
GP GREEN PRIME
[redacted]
1/4
7
FINISH:
Z-P-GP ON XP3Y-1 & PBY-1
Z-P-GP ON PBY-2 & FUTURE
1 1/2 O.D. x .049 AL ALLOY TUBE SPEC. 44T21 COND.T.
2
PBY-5B 28B1197 4
PBY-5A 28B1197 4
PBY-4 28B1197
PBY-3 28B1197
PBY-2 28B1197
PBY-1 28B1197 4
XP3Y-1 28B1197 4
AC. 425-D4 16
28B1704 2
-2 1
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
[redacted]
12-7-36
DATE
CALC.WT. .27
ACT.WT.
SCALE 12" - 1'-0"
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
AC
NAVY NOTED
NOTED
NOTED
NOTED
MATERIAL
SPEC.
HEAT TREAT
FINISH
J.W.L. 2-19-36
Stein 2-21-36
Green 3-2-36
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
TUBE - HULL - LOWER FIN STEP
B
SIZE
28B1583


SUPPLIES & EQUIPMENT CLASSIFICATION
LET | ALTERATION | DATE | BY
D TRACED 12-7-36
E ADDED 28B1878 GASKET 4-8-37
F 6 PLACES WAS 8
E.O. 22340
28B1878
CEMENT TO 28B1582
WITH VULCALOCK
Q4305-D3
C'SINK INSIDE
6 PLACES EQUALLY SPACED
.030 AL ALLOY SH. SPEC. 47A10
COND. T
CHAMFER 45° x 1/64
AC 366-DF 1032
AC 425-D3
C'SINK RIVET ON
THE OUTSIDE OF TUBE
FINISH BLACK GLOSS ENAMEL
FILE NUT ROUND TO FIT TUBE
#10 HOLE MAY BE DRILLED THRU
TO SIMPLIFY LOCATING NUT
DRILL "F" (.257) IN
LINE WITH NUT
1 1/8 O.D. x .058 AL. ALLOY TUBE
SPEC. 44T21 COND. T
CHAMFER 45° x 1/32
28B1582
5 25/64
7 1/2
AC 425-D3
6 PLACES EQUALLY SPACED
FINISH: Z-2P BEFORE ASSEM. AC.366-DF-1032
BLACK GLOSS ENAMEL AS SHOWN
PARTS LIST PER ASSY.
REQUIREMENTS PER AIRPLANE
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .015
SCALE 12"-1'-0"
DATE 12-7-36
[redacted]
NAVY NOTED
MATERIAL
NOTED SPEC.
NOTED HEAT TREAT
NOTED FINISH
DRAFT CHECK EXAM. ENG.
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME STEP-HULL-LOWER FIN
OPP. HAND 28B1584-1
B 28B1584
REQ. PER AIRPLANE



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
B
TRACED
7 7/8
39 3/4
"A"
1/4 R
KEEL LINE & ℄ OF SYMMETRY
29/32 R.
"D"
4 5/8
FLAT VIEW
BEND ONE HALF 44° UP AROUND
1/32 RADIUS AT KEEL LINE.
29/32
7 5/32
1 3/8 R
"C"
13 3/32
29/32
17/32
6R.
1 3/8 R.
5 1/8
29/32
"B"
61/64
8R.
[redacted]
FINISH:
Z.P. ALL OVER
UPPER SIDE ON PBY-1
UPPER SIDE ON PBY-2 & FUTURE
PBY-5B 28B1527 1
PBY-5A 28B1527 1
PBY-4 28B1527
PBY-3 28B1527
PBY-2 28B1527
PBY-1 28B1527 1
NOTE:- POINTS A,B,C,&D ARE IDENTICAL WITH THOSE OF BASE LINE DIAGRAM 28B1526-REF.
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32
[redacted]
12-9-36
DATE
CALC.WT.
ACT.WT.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH
REQ.
PART NO.
LH RH
REQ.
SCALE 5" = 1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
SHT.
NONE
NOTED
W.W.W
3-5-36
1-3-36
DRAFT
CHECK
EXAM.
ENG.
MATERIAL
SPEC.
HEAT TREAT
FINISH
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME SKIN REINFORCEMENT-HULL-TUNNEL GUN DOOR OPENING
B
28B1589
REF: FOR XP3Y-1 SEE SKETCH 28R142

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET.	ALTERATION	DATE	BY
A	TRACED	12-8-36	[illegible]

6 - PRICK PUNCHES THIS SIDE

1/8 R ROUND
THIS EDGE LOCALLY

FINISH:
Z-P[illegible] ON XPBY-1 & PBY-1
Z-P[illegible] ON PBY-2 & FUTURE
G.P.

G.P. GREEN PRIME

[redacted]

	PBY-5A	28B1527	1
	PBY-4	28B1527	
	PBY-3	28B1527	
	PBY-2	28B1527	
	PBY-1	28B1527	1
	XPBY-1	28B1527	1
	PBY-5B	28B1527	1
O.H.	MODEL	NEXT ASSY.	REQ.

REQUIREMENTS PER AIRPLANE

ST'D PARTS | LH RH REQ. | PART NO. | LH RH REQ.

MAT. | PARTS LIST PER ASSY.

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted] 12-8-36 DATE

.13 CAL.WT. | ACT.WT.

SCALE 12" 1'-0"

MATERIAL	SPEC.	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM.	ENG.
NAVY AL ALLOY SHT. 24 ST.	AERO. Cond. T	NONE	NOTED	Williams 9-5-36	Stier 12-21-36	Green 12-8-36	

CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME STRAP - HULL - TUNNEL GUN BASE TO KEEL

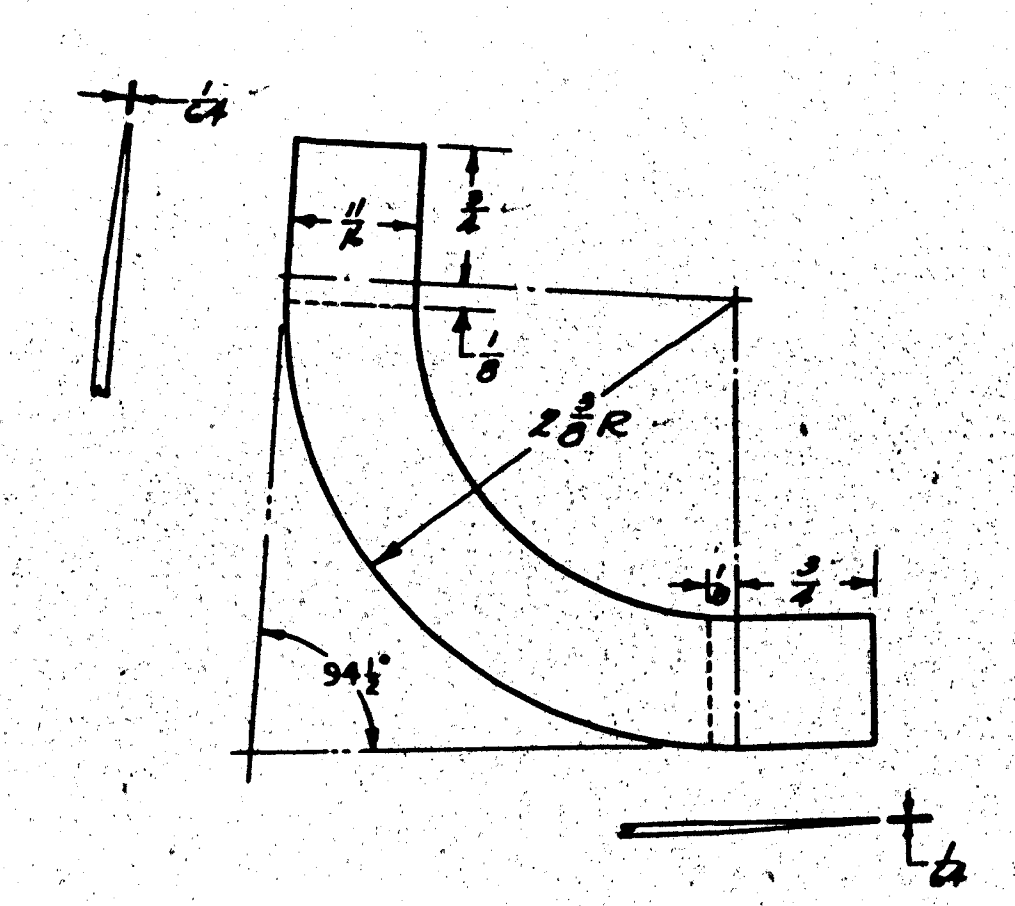
OPP. HAND

B SIZE 28B1598

SULLIVAN-MCKEEGAN CO., INC. BUFFALO
IMPERIAL TRACING CLOTH

SUPPLIES & EQUIPMENT CLASSIFICATION			
LET	ALTERATION	DATE	BY
B	TRACED	12-7-36	[illegible]
C	REMOVED -2. ADDED -3(4) WAS (2)	4-27-42	WILLIAMS
	NEG. WT. CHG.		

E.O.A 38957



FINISH
Z-P-6.P. ON XPBY-1 & PBY-1
Z-P- ON PBY-2 & FUTURE
6.P.

[redacted]

O.H.	MODEL	NEXT ASSY.	REQ.
-3	28-5AMN	28B1527	4
-3	28-5AMC		4
-3	PBY-5B		4
-3	28-5MN		4
-3	28-5ME		4
-3	28-5MC		4
-3	28-5MA		4
-3	PBY-5	28B1527	4
-3	PBY-5A	28B1527	4
-2	PBY-3-4	28B1527	
-3	PBY-3-4	28B1527	
-2	PBY-1-2	28B1527	2
-3	PBY-1-2	28B1527	2
-2	XP3Y-1	28B1527	2
-3	XP3Y-1	28B1527	2

REQUIREMENTS PER AIRPLANE

ST'D PARTS	REQ. LH	REQ. RH	PART NO.	REQ. LH	REQ. RH
			-3	X	

MAT. — PARTS LIST PER ASSY.

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS ± 1/64

[redacted]

[redacted] 12-7-36 DATE

.04 CALC.WT. — ACT.WT.

SCALE 12"-1'-0"

MATERIAL	SPEC.	HEAT TREAT	FINISH
[illegible] 24 ST	AN-A-10 COND.T.	NONE	NOTED

DRAFT	CHECK	EXAM.	ENG.
Williams	Stine	Green	
9-6-36	12-21-36	1-3-36	

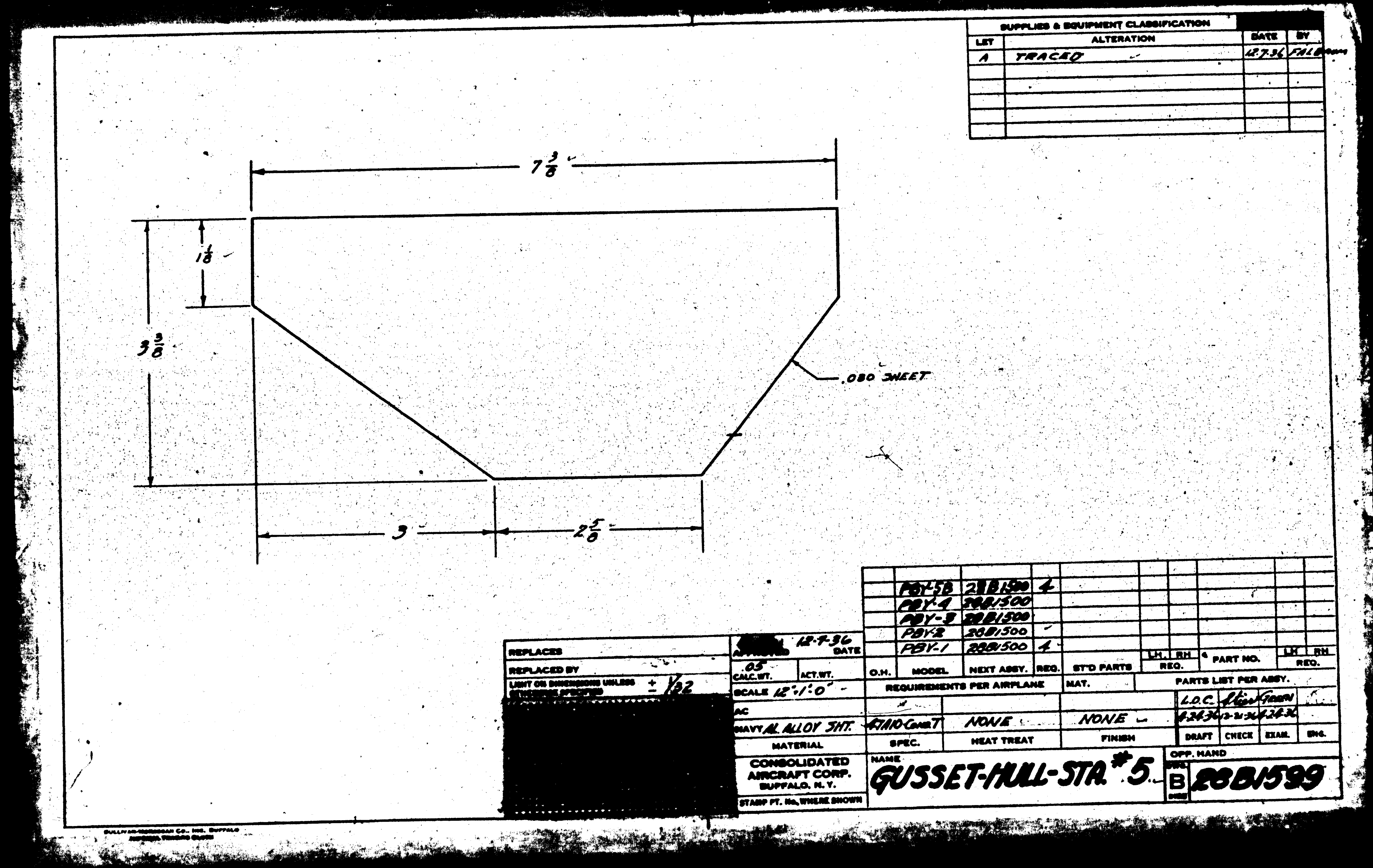
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

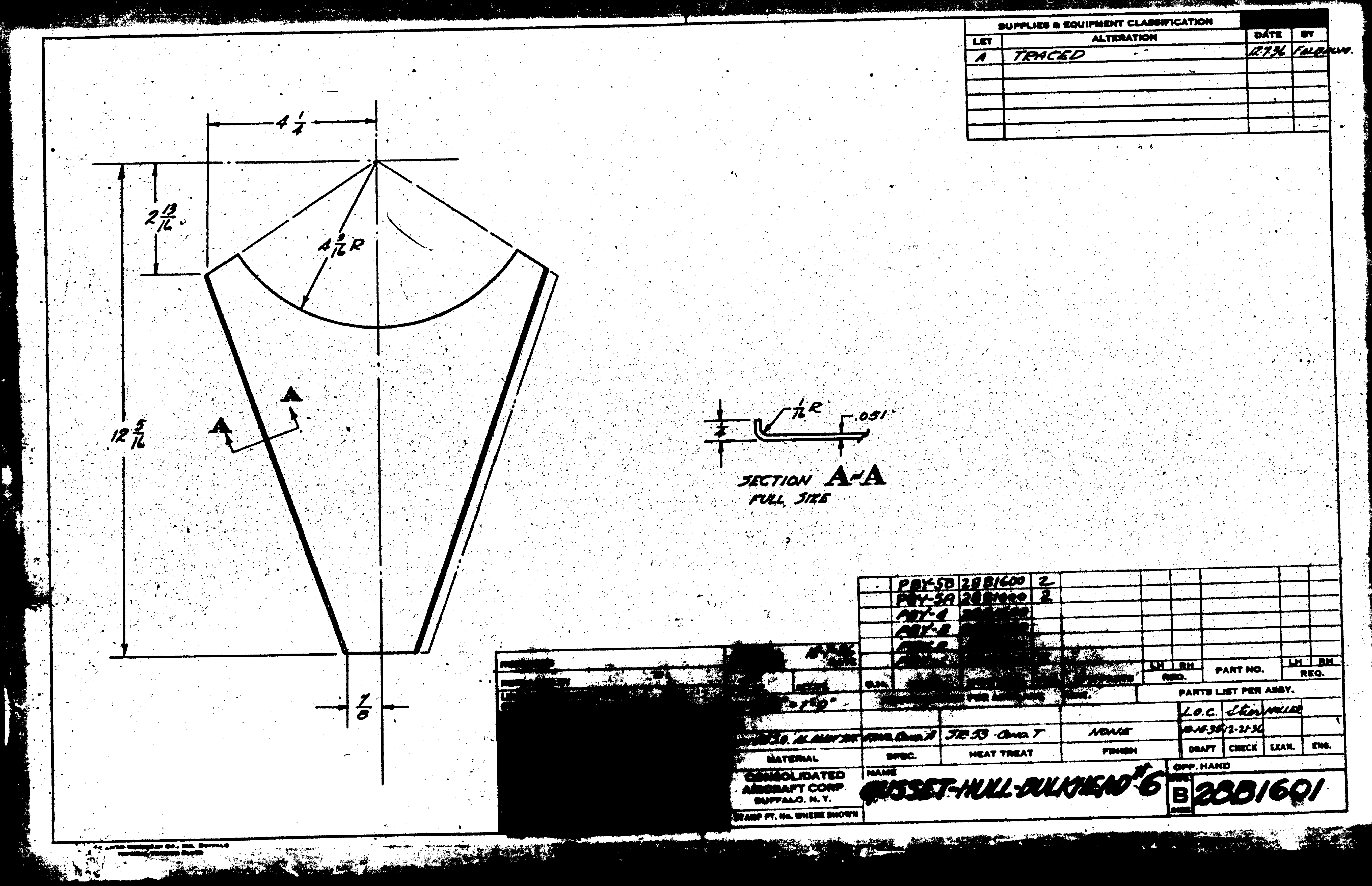
NAME
STRIP-HULL-TUNNEL GUN DOOR OPENING BASE CORNER

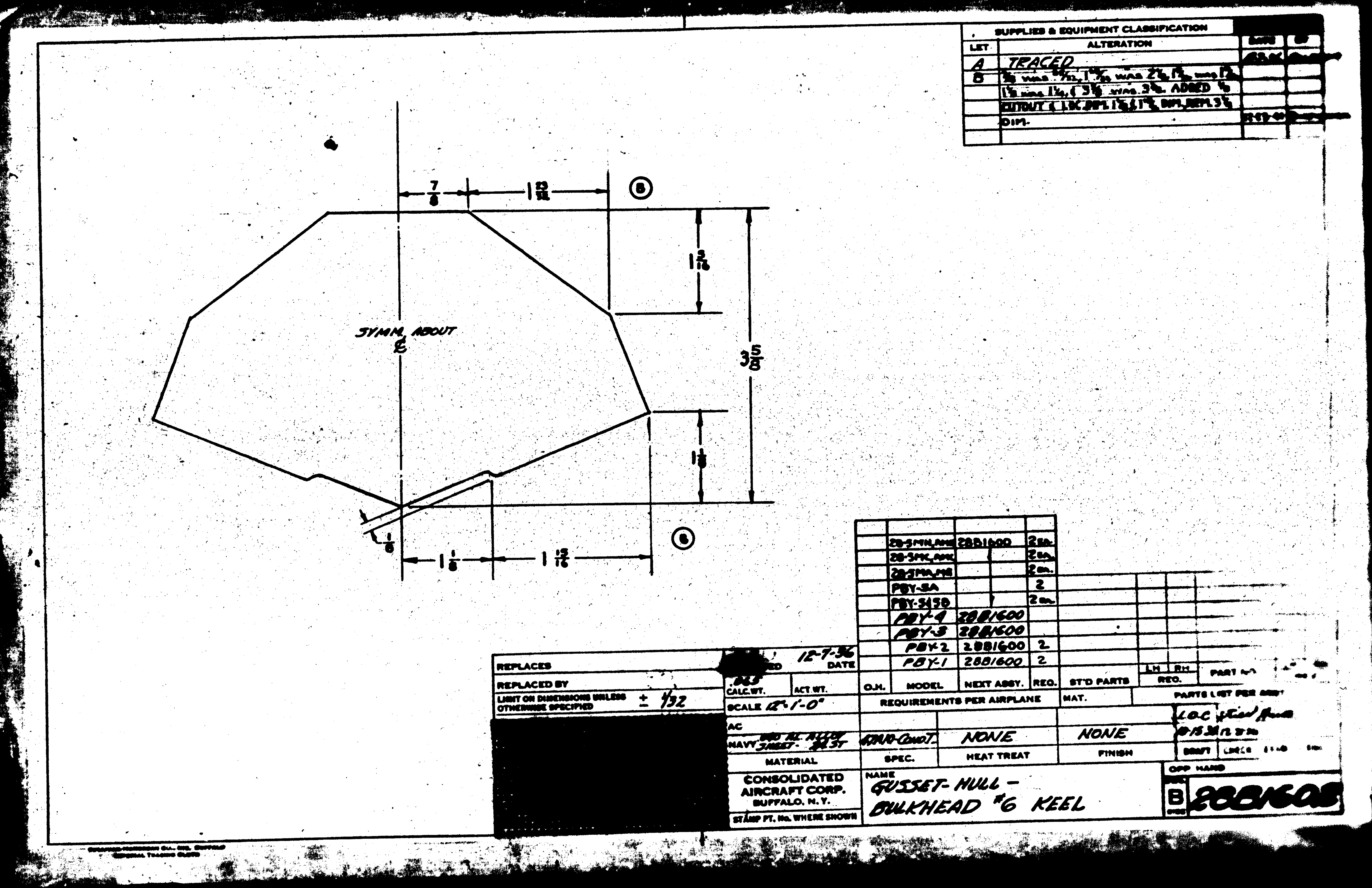
OPP. HAND

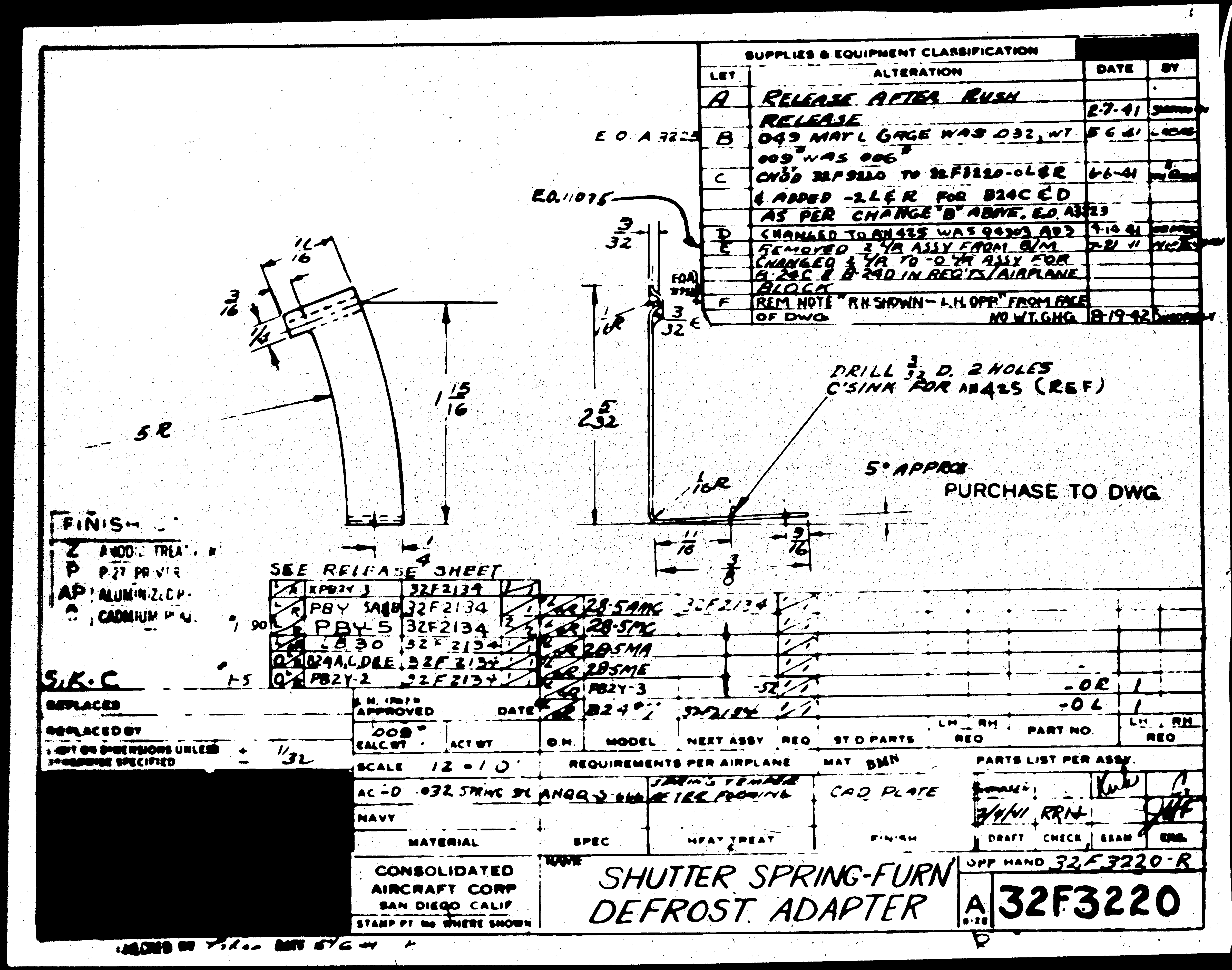
B 28B1594



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
12-7-36
7 3/8
1 1/8
3 3/8
.080 SHEET
3
2 5/8
PBY-5B 28B1500 4
PBY-4 28B1500
PBY-3 28B1500
PBY-2 28B1500
PBY-1 28B1500 4
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH RH REQ.
PART NO.
LH RH REQ.
REQUIREMENTS PER AIRPLANE
MAT.
PARTS LIST PER ASSY.
REPLACES
REPLACED BY
[redacted] 12-7-36
DATE
.05
CALC.WT.
ACT.WT.
± 1/32
SCALE 12":1'0"
[redacted]
AC
NAVY AL ALLOY SHT.
47A10 Cond.T
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
L.O.C.
4-24-36
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET-HULL-STA. #5.
B
28B1599


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
TRACED
12-7-36
4 1/4
2 13/16
4 3/16 R
12 5/16
A
A
7/8
1/16 R
.051
SECTION A-A
FULL SIZE
PBY-5B 28B1600 2
PBY-5A 28B1600 2
LH RH
REQ.
PART NO.
LH RH
REQ.
PARTS LIST PER ASSY.
L.O.C.
10-16-36
12-21-36
JR-53 - COND. T
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM.
ENG.
OPP. HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N. Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET-HULL-BULKHEAD #6
B
28B1601


SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
A
TRACED
B
ADDED
DIM.
SYMM. ABOUT ℄
7/8
1 23/32
1 5/16
3 5/8
1 1/8
1/8
1 1/8
1 13/16
B
28-5MN, AMC
28B1600
2 ea.
28-5MC, AMC
2 ea.
28-5MA, MB
2 ea.
PBY-5A
2
PBY-5&5B
2 ea.
PBY-4
28B1600
PBY-3
28B1600
PBY-2
28B1600
2
PBY-1
28B1600
2
REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
± 1/32
12-7-36
DATE
.063
CALC. WT.
ACT. WT.
O.H.
MODEL
NEXT ASSY.
REQ.
STD PARTS
LH
RH
REQ.
PART NO.
PARTS LIST PER ASSY
SCALE 12"-1'-0"
REQUIREMENTS PER AIRPLANE
MAT.
AC
NAVY
NONE
NONE
MATERIAL
SPEC.
HEAT TREAT
FINISH
DRAFT
CHECK
OPP HAND
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN
NAME
GUSSET-HULL -
BULKHEAD #6 KEEL
B
28B1605



SUPPLIES & EQUIPMENT CLASSIFICATION
LET
ALTERATION
DATE
BY
A
RELEASE AFTER RUSH RELEASE
2-7-41
B
049 MAT'L GAGE WAS .032, WT .009 WAS .006
5-6-41
C
CHG'D 32F3220 TO 32F3220-0L&R & ADDED -2L&R FOR B24C&D AS PER CHANGE "B" ABOVE. E.O. A3223
6-6-41
D
CHANGED TO AN425 WAS 94303 AD3
E
REMOVED 2 L/R ASSY FROM B/M CHANGED 2 L/R TO -0 L/R ASSY FOR B-24C & B-24D IN REQ'TS/AIRPLANE BLOCK
F
REM NOTE "RH SHOWN - LH OPP" FROM FACE OF DWG
NO WT. CHG
8-19-42
E.O. A 3223
E.O. 11075
DRILL 3/32 D. 2 HOLES C'SINK FOR AN425 (REF)
5° APPROX
PURCHASE TO DWG
5 R
1 15/16
2 5/32
SEE RELEASE SHEET
FINISH
Z ANODIC TREAT
P P-27 PRIMER
AP ALUMINIZE
C CADMIUM PLATE
XPB2Y-3
PBY-5A
PBY-5
LB-30
B24A,C,D&E
PB2Y-2
32F2134
28-5AMC
28-5MC
28-5MA
28-5ME
PB2Y-3
B24
-0R
-0L
REPLACED
REPLACED BY
APPROVED
DATE
.009
CALC WT
ACT WT
O.H.
MODEL
NEXT ASSY
REQ
STD PARTS
LH RH REQ
PART NO.
SCALE 12 = 1.0
REQUIREMENTS PER AIRPLANE
MAT
PARTS LIST PER ASSY.
AC-D .032 SPRING ST.
ANQQ-S-666
SPRING TEMPER AFTER FORMING
CAD PLATE
3/4/41
RRH
NAVY
MATERIAL
SPEC
HEAT TREAT
FINISH
DRAFT
CHECK
EXAM
ENG.
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF
STAMP PT No WHERE SHOWN
SHUTTER SPRING-FURN DEFROST ADAPTER
OPP HAND 32F3220-R
A
32F3220

SUPPLIES & EQUIPMENT CLASSIFICATION

LET	ALTERATION	DATE	BY
A.	TRACED	10-38	Wheeler

#10(.024) MUSIC WIRE

FREE LENGTH 9/16

CLOSE ENDS

1/8 I.D.

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLA

SPRING MUST WORK FREELY IN 3/16 I.D. TUBE

12 EFFECTIVE COILS

	PBY-5B	28G2019	2
	PBY-5A	28G2019	2
	PBY-4	28G2019-3	
	PBY-4	28G2019-2	
	PBY-3	28G2019-3	
	PBY-3	28G2019-2	
	PBY-2	28G2019-3	
	PBY-2	28G2019-2	

REPLACES

REPLACED BY

LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/64

[redacted]

RCW 11-26-36
APPROVED DATE

.001
CALC WT ACT WT

O H MODEL NEXT ASSY REQ STD PARTS LH RH REQ PART NO LH RH REQ

SCALE 24"=1'-0"

REQUIREMENTS PER AIRPLANE MAT PARTS LIST PER ASSY

AC

NAVY

MATERIAL	SPEC	HEAT TREAT	FINISH	DRAFT	CHECK	EXAM	ENG
SPRING ST. WIRE	22W11	NONE	C-BAKE	KALLIS 11-18-36	O.W.M. MILLER 11-19-36		R.

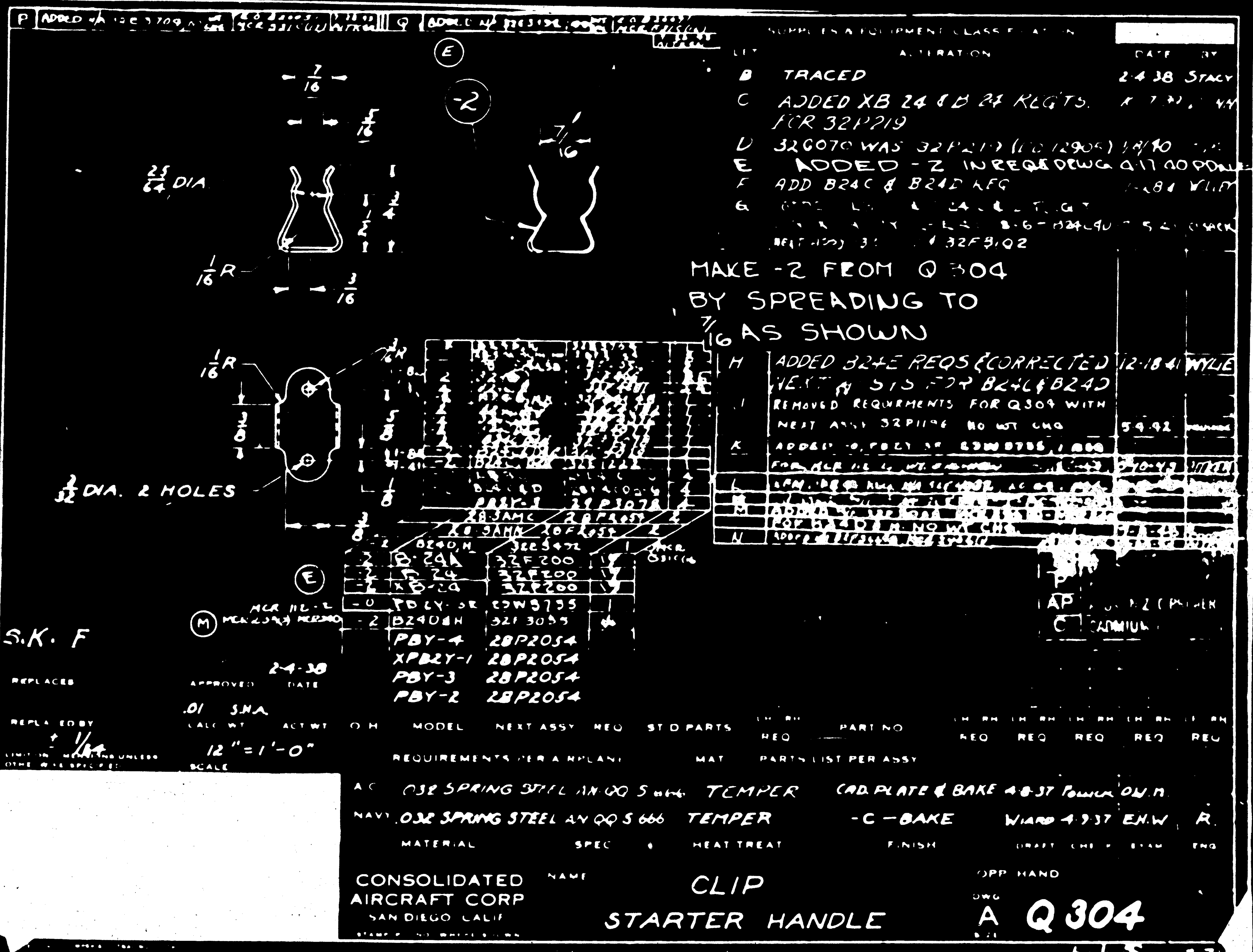
CONSOLIDATED AIRCRAFT CORP.
BUFFALO, N.Y.

STAMP PT. No. WHERE SHOWN

NAME
SPRING - WOBBLE PUMP HANDLE CATCH

OPP HAND

DWG SIZE A 28G2027



B TRACED 2-4-38 STACY
C ADDED XB 24 & B 24 REQ'TS. FOR 32P219
D 32G070 WAS 32P219
E ADDED -2 IN REQ'S
F ADD B24C & B24D REQ
H ADDED B24E REQS CORRECTED NEXT ASSYS FOR B24C & B24D 12-18-41 WYLIE
J REMOVED REQUIRMENTS FOR Q304 WITH NEXT ASSY 32P1196 NO WT CHG 5-4-42
MAKE -2 FROM Q304 BY SPREADING TO 7/16 AS SHOWN
7/16
5/16
3/16
1/16 R
25/64 DIA
3/32 DIA. 2 HOLES
B24A 32F200
B-24 32F200
XB-24 32F200
PBY-4 28P2054
XPB2Y-1 28P2054
PBY-3 28P2054
PBY-2 28P2054
S.K. F
2-4-38
REPLACES
APPROVED
DATE
.01
CALC WT
ACT WT
MODEL
NEXT ASSY
REQ
STD PARTS
PART NO
REQUIREMENTS PER AIRPLANE
MAT
PARTS LIST PER ASSY
± 1/64
12" = 1'-0"
SCALE
AC .032 SPRING STEEL AN-QQ-S-666 TEMPER CAD. PLATE & BAKE 4-8-37
NAVY .032 SPRING STEEL AN-QQ-S-666 TEMPER -C- BAKE 4-9-37 E.H.W. R.
MATERIAL
SPEC
HEAT TREAT
FINISH
CONSOLIDATED AIRCRAFT CORP SAN DIEGO CALIF
NAME
CLIP STARTER HANDLE
OPP HAND
DWG
A Q304